

The



# CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

MAY 21 1955

## A Vote of Confidence

To all M.P.(S).

*Burgoynes will continue  
to serve your interests  
faithfully & well!*



**BURGOYNE BURBIDGES**

Established 1741. & COMPANY LIMITED, LONDON. E.6

X

**UNRIVALLED FOR 50 YEARS**

**THOMPSON'S**  
(THE ORIGINAL)  
**SLIPPERY ELM FOOD**

**STILL** POTTER'S BIGGEST SELLING LINE

Thousands of families know this wonderful food which has stood the test of years. Word of mouth recommendation alone has made it Potter & Clarke's biggest seller. Thompson's Slippery Elm Food is a nourishing, strengthening and easily digestible food especially for children and invalids.

Ideal  
for  
Infants  
and  
Invalids



*and so well sold!*

Available in  
three varieties:

**MALTED**  
**UNMALTED**  
**WHOLEMEAL  
MALTED**

Orders through  
Wholesalers only please

*So well known*

**Thompson's SLIPPERY ELM FOOD**

is another good-selling

**Potter's** product



**POTTER & CLARKE LIMITED**, River Road, Barking, Essex.

Telephone: **RIP**pleway 3041

# Essential Summer Item

*Steady, effortless sales from hard core demand, backed by advertising*

An army of die-hard users (mostly in the 45/60 age group) depend absolutely on Simpson's directly the weather turns warm to keep their feet in 'easy' comfortable condition throughout summer. They know there's no substitute — nothing so easy to apply, so quick in action, so certain to bring relief. They *will* have it.

## Advertising to 18,000,000

National advertising (this year from May to August) in all important papers, reaching this age group and aggregating 18 million circulation, adds a steady inflow of new users.

This is a *safe* summer item. So order Simpson's NOW and get the whole season's trade—and bonus on the lot. (See panel below).

## A shilling a jar

Within a few decimals of a penny, you net a shilling on every jar of Foot Ointment handed over your counter — if you buy on best bonus terms.

But see that it's seen. One jar is enough on your counter if it's in the neat little 'crown' showcard that takes up only 4½ inches and does all the selling for you. It's packed in every bonus delivery.

## BONUS plus 7½%

Bonus is now available, 12 charged as 11 on whatever quantity you like from 1 dozen upwards. But bonus is on one stocking order only — the first placed for direct delivery after the 1st April and before the 31st May. If you buy as part of an 'All-in' delivery with any assortment of other products listed on our order form you get additional discount of from 3¾% to 7½%.



# Simpson's FOOT OINTMENT

Sole Distributors (U.K. and Overseas):

Walter Crowe Limited, 3/4 Little Russell Street, London, W.C.1

Telephone: Chancery 6101, 7051 2 (Three lines)

Telegrams: Relialines, Westcent, London



## Soluble aspirin of consistently high quality

DOCTORS ARE increasingly tending to prefer soluble aspirin to ordinary aspirin for general administration. "Solprin" meets the consequent need for a soluble aspirin of very high uniform quality. The advantages of Solprin, which include substantial neutrality and palatability as well as solubility, are

found peculiarly valuable when heavy or prolonged dosage is called for.

Solprin is not advertised to the public, and is available only on prescription. The opportunity to sample Solprin is always open to doctors, and they are kept continually informed concerning its advantages.



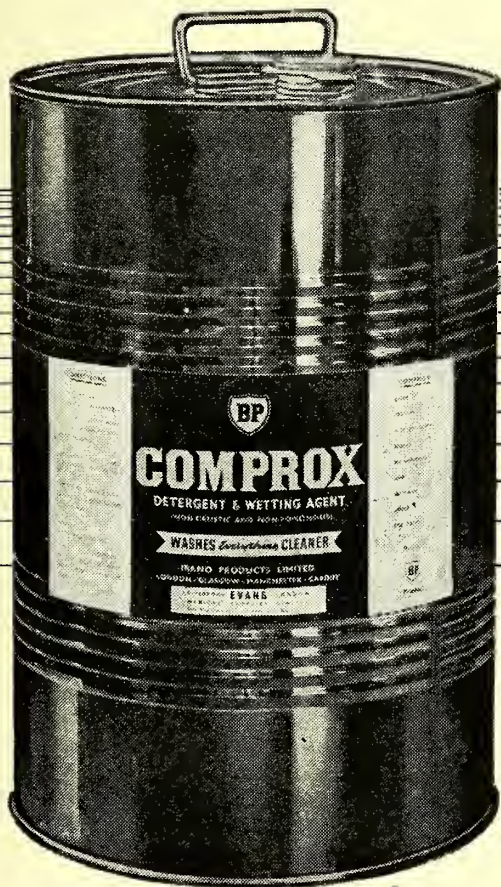
### Now available only in the new 500 tablet pack

Solprin is now packed in units of 10 tablets (in foil), 50 units to the pack. The N.H.S. basic price for this pack is 12/6. It is available only on prescription and only in Great Britain and Northern Ireland.

**SOLPRIN** REGD.

Soluble and substantially neutral

RECKITT & COLMAN LTD., HULL & LONDON (PHARMACEUTICAL DEPT., HULL)



**This one new  
cleanser does the  
work of many**

**COMPROX**

*The modern liquid detergent*

in a concentrated form, making it economical to use in dispensaries and surgeries for :

- BENCHES ■ FLOORS ■ GLASSWARE ■ PAINTWORK ■ SINKS ■ TILES ■ WASHBASINS ■ WINDOWS

Comprox (a member of the Sodium Alkyl Sulphate group of liquid detergents) is non-caustic, neutral and practically odourless. Send for a trial sample and see how effective it is.

*Presentation: 2 litre winchesters (returnable bottles) 4 gallon drums (non-returnable) Produced by BP*

**EVANS  
MEDICAL**

SOLE PHARMACEUTICAL AND VETERINARY DISTRIBUTORS

**EVANS MEDICAL SUPPLIES LTD.**

SPEKE, LIVERPOOL 19, and RUISLIP, MIDDLESEX



For normal or greasy skins



# SCHERK

**THE NAME THAT HAS SWEEPED  
THE CONTINENT!**

For dry,  
sensitive skins



# SCHERK'S

## Biggest Advertising Campaign!

STARTING IN JUNE — GOING ON AND ON — IN

WOMAN  
WOMAN'S OWN  
WOMAN & BEAUTY  
PHOTOPLAY  
PICTUREGOER

Readers of these important National Magazines, which total well over 6 million circulation, will ask you for Scherk preparations. Be ready to supply them. We advertise — you stock — your customers buy!

**A PROFIT OF 38% ON YOUR TAX-INCLUDED COST**

Send in now the order shown below — or its equivalent — to get a special 10% cash-and-display discount, showing you a clear profit of 38% on the *Tax-included Cost*. This discount offer closes at the end of July.

**SUGGESTED MINIMUM ORDER**

Scherk Face Lotion: 1 doz. No. 7109 @ 17/9, ½ doz. No. 7100 @ 28/-. ¼ doz. No. 7101 @ 44/-

Scherk Face Milk: ½ doz. No. 7200 @ 28/-. ¼ doz. No. 7201 @ 44/-

Total cost after discount and including 75% P.T., £5.10.6.

Retail price, £7.12.6. Profit, £2.2.0.

**SCHERK LTD., 66 VICTORIA STREET, LONDON, S.W.1.**

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still time —  
but **ACT NOW**  
to take advantage of  
the profitable

**MOORLAND**  
ANTACID  
Indigestion Tablets

**DISPLAY  
BONUS  
OFFER**

*THE BONUS, which is offered to Retail Chemists only, is a FREE PACKET WITH EVERY DOZEN ordered for delivery by 4th JUNE. We pay purchase tax on the bonus packets, and offer the following assorted parcels at the attractive trade terms quoted.*

- 2 doz. 1/- size at 6/10 doz. and a minimum order of 2 doz.
- 1/11 size at 13/6 doz.
- 6 doz. 1/- size at 6/8 doz. and a minimum order of 2 doz.
- 1/11 size at 13/- doz.
- 6 doz. 1/11 size at 13/- doz. and a minimum order of 3 doz.
- 1/- size at 6/8 doz.
- 12 doz. 1/- size at 6/5 doz. and a minimum order of 4 doz.
- 1/11 size at 12/6 doz.
- 12 doz. 1/11 size at 12/6 doz. and a minimum order of 6 doz.
- 1/- size at 6/5 doz.

**PURCHASE TAX** is chargeable at 25 per cent on dozen rates at 7/2 and 14/-. Carriage paid on all orders of £2 or over. All cases free.

### BIG SPACE ADVERTISEMENTS

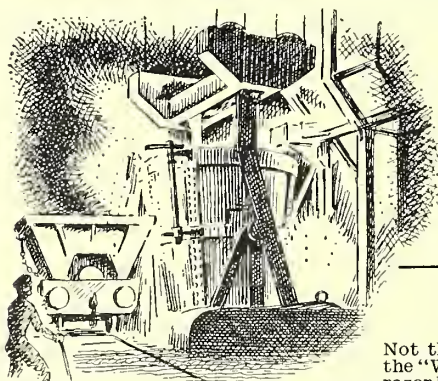
**IN NATIONAL NEWSPAPERS** are increasing the demand. You will find Moorlands ready sellers. **ORDER NOW.**



**W. B. CARTWRIGHT** Manufacturing Chemists **RAWDON · LEEDS**

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Not the "United" or the "Wednesday", but razor blades, of course — safety in numbers . . . Blades for young shavers and old ones, too. Blades for the sweeping clean of cheeks and chins . . . But Overall from Gardiner's—protective wear for the keeping clean of clothes and the keeping-up of personal appearances. Surface wear to save the surface of the underneath! Please write for our comprehensive catalogue and price list.

Illustrated left. Style C.66. Ladies' Rayon Overall in colours: Mid and Light Green, Grey, Navy, Beige, Light and Mid Blue, Cream, Pink, Maroon, Fuchsia Pink and White. SW 29/6, W & WX 30/4, OS 32/11.

Illustrated right. Style C.67. Ladies' Poplin Overall with wide overlapping skirt. Colours: Pink, Lavender Blue, Light Green, Cerise, Heliotrope and White. SW 31/-, W & WX 33/11, OS 34/11.

Post orders 1/3d. extra.

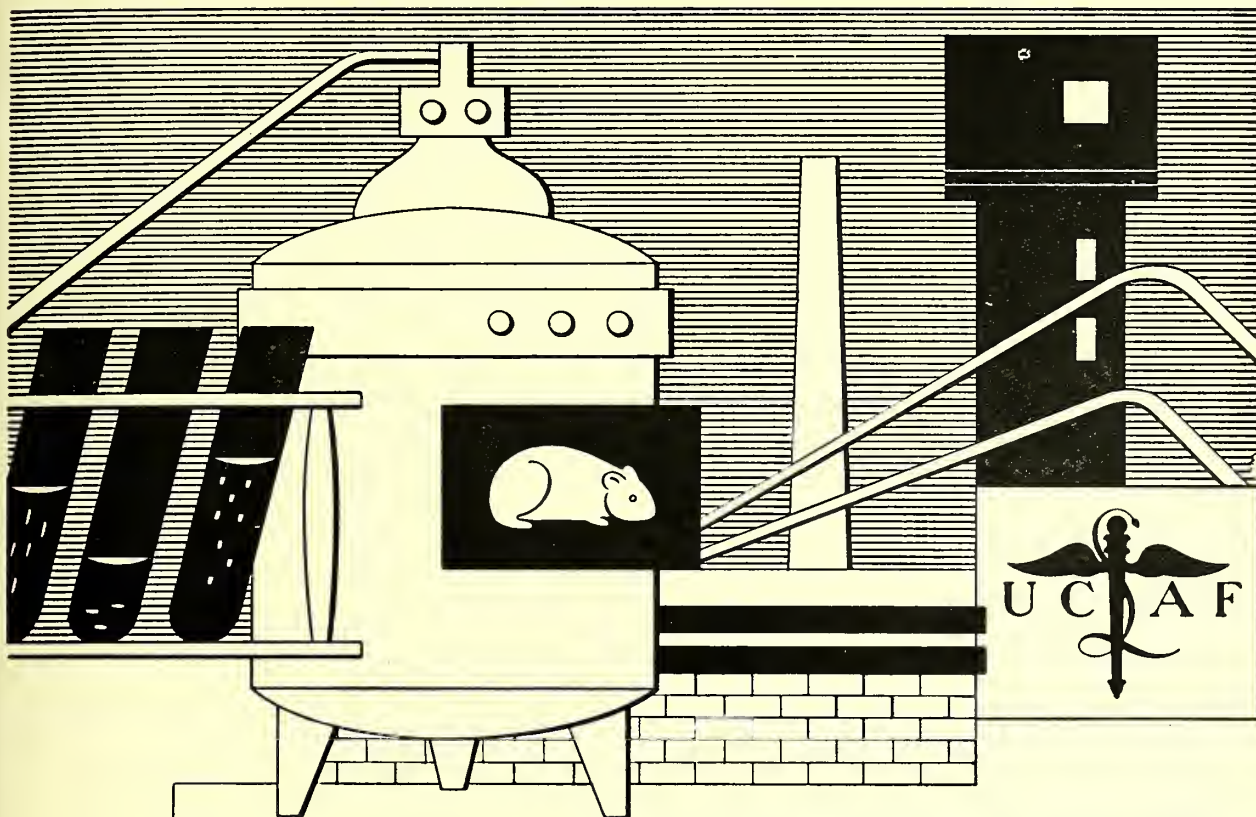
# Gardiner's

THE  
OVERALL SPECIALISTS



Gardiner & Co. (The Scotch House) Ltd., 1, 3 & 5 Commercial Road, London, E.1. Tel: BISHopgate 6751/3





- ▶ **Synthetic drugs • Vitamins • Hormones**
- ▶ **Amino-acids • Pigments & Enzymes**
- ▶ **Glycosides & Alkaloids**
- ▶ **Biological products**

# UCLAF

SOLE AGENTS

**ROUSSEL LABORATORIES LTD**

847, Harrow Road • London N.W. 10

Telephone : LADBROKE 3608



**COX**

for counter sales that keep custom

Attractively packed.  
Display material available.

ARTHUR H. COX & CO. LTD  
Manufacturing Chemists since 1839  
BRIGHTON

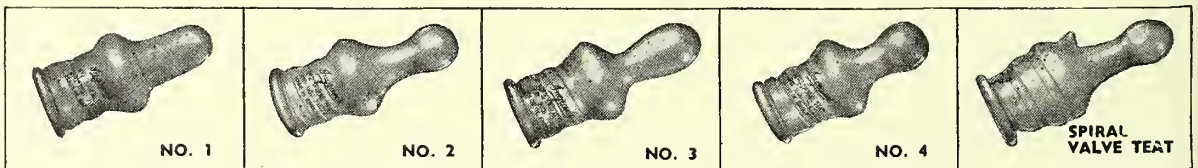
*Put these on your counter  
and see how they sell*

These are the feeding bottle teats with the name every mother knows. Show them in this eye-catching display carton—and see them go! Ingram's Spiral Band teats are made from finest latex rubber; last longer, even with constant sterilization. And they incorporate the exclusive patented Spiral band which grips tight to the neck of the bottle and prevents mess and mishaps.



*Ingram's*  
SPIRAL TEATS

Styles 1, 2, 3 and 4 in attractive display cases of a dozen, and SPIRAL BAND VALVE TEAT individually packed. All styles included on P.A.T.A. list. Obtainable from your Wholesaler. In cases of difficulty write to: J. G. Ingram & Son, Ltd, The London India Rubber Works, Hackney Wick, E9



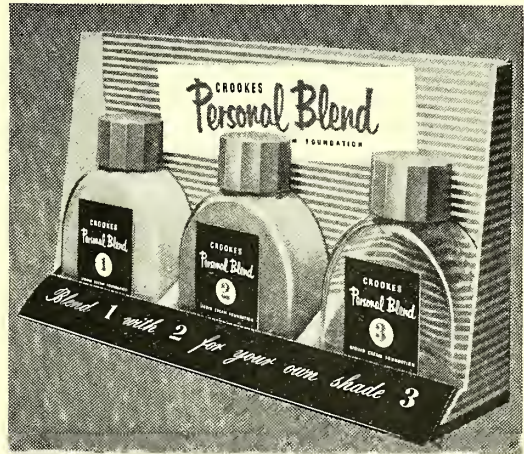
# An entirely **NEW** product

BY THE CROOKES LABORATORIES LIMITED

## CROOKES Personal Blend LIQUID CREAM FOUNDATION

*that the user blends herself*

**PERSONAL BLEND**, a revolutionary idea in the cosmetic world, is a liquid cream foundation that the user blends herself to her exact requirements. There is a set of three bottles—one containing a light shade of cream, the second a dark shade. To match her exact colouring, the user blends the light and dark shades in the required proportions in the third bottle.



During the introductory period, May, June and July, **PERSONAL BLEND** will be invoiced on a Sale or Return Basis.

**SOLD ONLY THROUGH CHEMISTS**

\*  
Full details  
have already been mailed to you  
**Post off your order now**

This half-page advertisement will be appearing in the **DAILY EXPRESS** on 24th June and will be seen by over 5,000,000 women. Extensive advertising is also being carried out in the **DAILY MIRROR** and the leading women's magazines.  
The Set retail price—13/6d. (9/- plus 4/6 P.T.). Single carton retail price 6/9d. (4/6 plus 2/3 P.T.) Retail discount 33 1/3%

Catherine Boyle, of T.V. fame, gives her unqualified support to this exciting new product and appears in all advertisements and display material.

THE CROOKES LABORATORIES LTD., PARK ROYAL, LONDON, N.W.10

# A good start to a fine finish

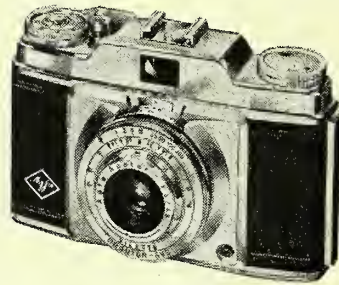


## CAMERAS, FILMS & PAPERS

—for Photographic Perfection

### For the 35 mm enthusiast —the AGFA SILETTE

Agfa Apotar f3.5/45 mm coated, colour corrected lens. Lever wind. Delayed action. 8-speed model with Prontor SVS shutter and XM synchronisation . . . £22.10.2  
4-speed model with synchronised Pronto shutter . . . £18.8.4

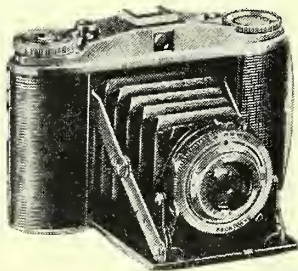


Agfa ever-ready case £3.2.2

### For those who prefer the 2¼" x 2¼" size — Agfa ISOLETTE II

Outstanding member of the famous Isolette range of 2¼"-square cameras. Fitted with superb 4-element Solinar f3.5/75 mm coated, colour corrected lens and Prontor SV 8-speed shutter £24.19.1  
Other Isolette cameras from £12.10.4

Ever-ready leather case £2.8.6  
Special Imitation leather case £1.12.7



### For better snap-shots the year round —Agfa CLACK

Two apertures. Built-in portrait lens. Synchronised. 8 exposures 2¼" x 3¼" on 120-size film . . .

£3.16.2

Special flash gun in zip case . . .

£1.18.5

Modern ever-ready case 21/10  
Yellow filter 15/7

### Agfa ISOPAN ISS and ISOPAN F FILMS

Fast, fine grained, Agfa films are made to give the best results wherever they are used.

In all popular roll film sizes and 35 mm.



### AGFACOLOR

The pioneer negative-positive process yields prints of rich, living colour and Agfacolor reversal films make brilliant transparencies. Both are available in all popular roll film sizes and in 35 mm.

### Agfa PICTORIAL PAPERS

Lupex: for contact prints. In five contrast grades.  
Brovira: a high sensitivity bromide paper with exceptional latitude. In five contrast grades.

Portrigr-Rapid: for warm black to brown black image tones. Three gradations.



Agfa cameras, photographic accessories and materials — designed to make good photography better

**AGFA LIMITED** · DEER PARK ROAD · WIMBLEDON FACTORY ESTATE · LONDON · SW 19 · Tel: CHerrywood 1121

# RADIAN-*a*

for

# BUNIONS



## Why sales increase in summer...

Warmer weather means swollen feet and increased pressure on painful bunions. That is why you should display Radian-*a* prominently NOW!

Radian-*a* is backed by *year-round* hard-hitting publicity in national newspapers and women's magazines; also in a long list of provincial newspapers. Attractive display material is available on request.

## There is a display bonus of 5% . . . . .

on direct orders of £3, comprising any combination of Radian products, which also include: Radian-B Aspirin Spirit Liniment, Radian Massage Cream, Radian Soothing Cream, Radian-B Bath Salts and Radian Ovals.

Write or  
Phone

Radiol  
CHEMICALS LIMITED

78 Upper Richmond Rd.,  
LONDON, S.W.15

Telephone: VANdyke 1642 and 2692

Please ask your usual wholesaler to show you our range, or write to us for Catalogue and Price List.

**BUY  
BRITISH**

**SUN Spectacles**

**THIS  
SEASON!**

**DE-LUXE MODELS**

are made from 4 mm. optical sheet; fitted with nickel-silver screw-joints and N/S wire-cored temples.

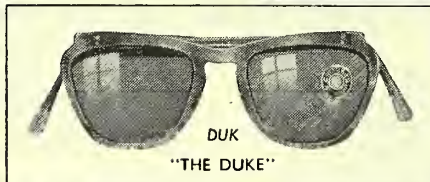
Each frame carefully hand-finished and polished.

Available fitted with either

**"CROOKES"  
Smoke Lenses  
or  
Full-Mirrored  
Lenses**

Sole Manufacturers:—

**DE-LUXE MODELS**



**OPTICAL PRODUCTS LTD., 370/2 STATION ROAD, FOREST GATE, LONDON, E.7.**

MARYLAND 1766 & 1550

**Your own  
proprietary lines  
manufactured and  
packed in  
AUSTRALIA**

Australia's high standard of living makes it a rich market for proprietary lines — chemists' lines, cosmetics, groceries, horticultural and veterinary products etc. To avoid difficult import restrictions, and freight and insurance costs, many manufacturers are now having their goods prepared and packed in Australia.

Since 1888  
Simpson's Manufacturing Pty.  
Ltd., of Melbourne, Victoria

and Sydney, New South Wales, has been producing articles of this kind since 1888. They now list over a thousand clients from all parts of the world. Clients' specifications are faithfully followed and utter secrecy is observed. Distribution, marketing and advertising facilities in all states are available if required.

Further details and quotation: will be gladly given without obligation.

**SIMPSON'S**  
SINCE 1888

Barkly Avenue, Burnley, Melbourne, E.1., Victoria, Australia.

May we quote you for—

**GLAUBER SALTS B.P.**  
PEA AND FEATHERY CRYSTALS

**EPSOM SALTS B.P.**

NEEDLE CRYSTALS, MEDIUM, EXSICCATED.  
ALL B.P. GRADES CONFORM TO 1953 STANDARD.  
ALSO COMMERCIAL, BATH, & VETERINARY QUALITIES.


**HARRIS, HART & Co. LTD.**

GREGGE STREET WORKS  
HEYWOOD, LANCs.

TELEGRAMS:  
HARP, HEYWOOD, LANCs.

TELEPHONE:  
HEYWOOD 6570


*Nationally Advertised*  
**NIGROIDS**



Nigroids—the original liquorice and menthol pellets—are nationally advertised in the Daily Telegraph, Sunday Observer, News Chronicle, Manchester Guardian, The Times. See that you have a good stock on hand.

From Wholesalers or Direct from Sole Manufacturers:  
**FERRIS & CO. LTD., BRISTOL, 2**

**RETAIL PRICE ONLY 9½d.**



**FOR CHEMISTS**



**DRUGS**

**SUNDRIES**

*Manufacturing Chemists*

**PILLS · TABLETS  
PROPRIETARIES**

HEAD OFFICE & WORKS: MANSFIELD ROAD, DERBY. Tel: 48266 (4 lines)

BRANCH WAREHOUSE: GROSVENOR ST., ASHTON under LYNE. Tel: 2816 (3 lines)

# ferrania

## SUPERPAN FILMS

*for  
speedy  
sales*



ROLL FILMS. Superpanchro F20 2/11, F620 2/11, F27 2/7, F16 3/8, F616 3/8, F29 2/11.

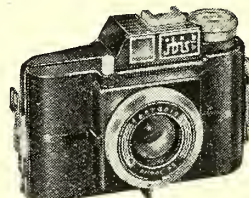
35 mm. FILMS. P.3 Fine Grain Pan, and S.2 Superpanchro cassettes, 36 exposures, 8/9. Refill, 36 exposures, 4/6. Refill, 3 x 36 exposures 12/1. Refill, 10 x 36 exposures. 36/11.

**NEVILLE BROWN & CO., LTD.**

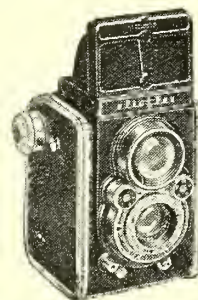
77 NEWMAN STREET · LONDON · W.1 Telephone: LANgham 7161 (10 lines)

# ferrania

## CAMERAS



IBIS 27 ... £3 15 0  
IBIS 6 x 6 ... £4 18 6



ELIOFLEX ... £11 18 6





## Now in GREAT DEMAND!

Byrom's "Chick-Chick" Egg Shampoo is now available in Sachets to meet the demand from discriminating women who prefer the Shampoo which is so kind to the hair. You can recommend it to your customers for its great cleansing and conditioning qualities—especially where the hair is impoverished by excessive permanent waving or where the hair is of exceptionally fine texture.

Specially packed in an attractive three-colour "sell on sight" Display Unit containing 4 dozen sachets to retail at 7½d. each including tax, trade price 5d. Put it on your counter and put 10/- profit in your pocket.

**IN SACHETS — 7½d.**

Trade price: Boxes of 4 dozen 20/- including tax.

Wholesale and retail enquiries to:

**BYROM REAGENTS LTD.**

130A Larkhall Lane, London, S.W.4 Macaulay 3210

**"Chick-Chick"**  
Egg Shampoo  
by BYROM



**WATCH OUT FOR THE ADVERTISEMENTS IN THE PRESS!**

Be ready to benefit from the large scale advertising designed to create sales for you

## MANESTY TABLET MACHINES

### HEAVY DUTY MODELS

FOR LARGE TABLETS AND  
DOUBLE COMPRESSION  
(OR SLUGGING)

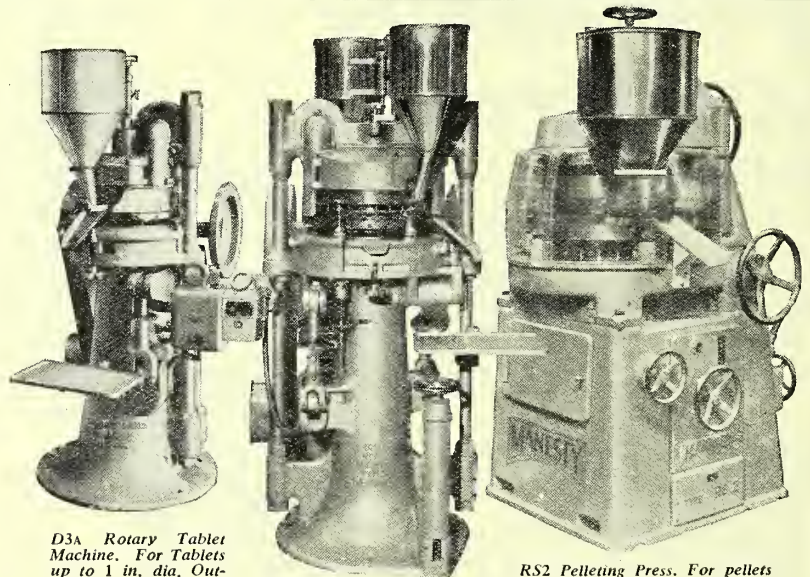
Arising from research in the Manesty Works, important improvements have been made in the range of Manesty Tableting Machines. The models illustrated are of particular interest because of their performance and ease in operation. Write today for details of these machines.

★ Have you read this book? "Tablet Making"—An authoritative volume by H. Little and K. A. Mitchell, 123 pp., 47 illustrations, 31 formulæ. Cloth bound. 15/- net, post free.

**MANESTY**

MANESTY MACHINES LIMITED

Dept. 5 SPEKE, LIVERPOOL, 19.



D3A Rotary Tablet Machine. For Tablets up to 1 in. dia. Output 19,500 per hr.

BB3A Rotary Tablet Machine. For Tablets up to ½ in. dia. Output 60,000 per hr.

RS2 Pelleting Press. For pellets up to 1½ in. dia. Output approx. 20,097 per hr.

Telephone: Hunts Cross 1972. Telegrams: Manesty, Liverpool 19.

AUTOMATIC WATER STILLS · COATING PANS · GRANULATORS · MIXERS · PUNCHES & DIES



When the need is *urgent*



# ACHROMYCIN\*

TETRACYCLINE

**INTRAMUSCULAR**



*Gives immediate effective blood levels*

When the condition of the patient demands immediate control of infection, ACHROMYCIN INTRAMUSCULAR can be relied upon to produce high levels of the antibiotic in the blood and tissues in a minimum of time. ACHROMYCIN tetracycline, a true broad-spectrum antibiotic, is notable for its freedom from side effects and is remarkably effective against a wide range of Gram-positive and Gram-negative organisms as well as in many infections of rickettsial, protozoal, spirochaetal and viral origin. The Intramuscular form is particularly well tolerated by the patient and is rapidly gaining favour among doctors for its convenience in use.

*Supplied in vials of 100 mg.*

*Achromycin is also available as Capsules, Tablets, Soluble Tablets, Intravenous, Ointment 3%, Ophthalmic Ointment 1%, Oral Suspension, Pediatric Drops, Spersoids† Dispersible Powder*

†Trade-Mark

\* Regd. Trade-Mark



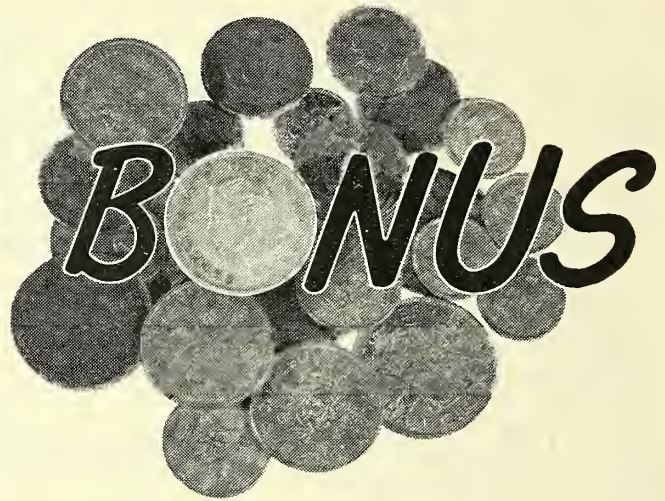
**LEDERLE LABORATORIES DIVISION**

*Cyanamid Products Ltd.*

**BUSH HOUSE · ALDWYCH · LONDON, W.C.2 · TEMPLE BAR 5411**

# BEST-SELLERS

**with  
a  
FOR ONLY  
ONE MONTH  
MORE!**



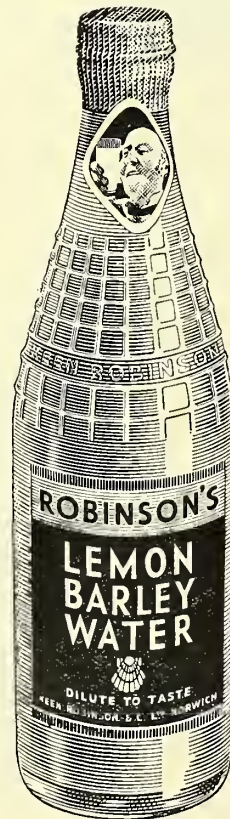
Now that the soft drink season is well under way—make sure your stocks keep pace with the ever-rising demand for Robinson's Barley Water (the biggest seller in its class) and Squashes. A special bonus is offered on both these lines, *but, remember, it will end on 18th June*. If you have not already placed your order on bonus terms, do so now, before it is too late.

Robinson's Barley Water and Squashes are now being widely advertised in the National Press and this year, for the first time, attention is being given to the valuable combination of fruit and glucose which makes these drinks outstanding for refreshment *and* energy.

Colourful and attractive display material available.

## Robinson's Barley Water and Squashes

**BARLEY WATER:** *Lemon or Orange*  
**SQUASHES:** *Lemon, Orange or Grapefruit*



KEEN, ROBINSON & CO. LTD • CARROW WORKS • NORWICH

CVS-55A

IN PHARMACEUTICAL

*Established*

**KIRBY**

1866



CIRCLES

*Are recognised as pre-eminent in  
the manufacture of*

**TABLETS**

ALSO

PILLS · CAPSULES · PESSARIES · SUPPOSITORIES  
PENICILLIN PRODUCTS · OINTMENTS FOR THE EYE  
SOFT GLYCERINE LOZENGES · PACKED PHARMACEUTICALS  
STERILE PRODUCTS

*Own materials processed • Special Formulæ prepared*

HOME AND EXPORT ENQUIRIES INVITED

*Price List forwarded on application to:—*

**H. & T. KIRBY & Co. Ltd.**

Manufacturing Chemists, WILLESDEN GREEN, LONDON, N.W.2

Phone : Willesden 1146

Telegrams : KirbHim, Norphone, London

Code : Bontleys (2)



**NOW!**  
**REMINGTON**

open you

*Launched  
 by heaviest-ever  
 advertising in all  
 main nationals*

- |                          |                          |
|--------------------------|--------------------------|
| <i>Daily Express</i>     | <i>Sunday Express</i>    |
| <i>Daily Mail</i>        | <i>Sunday Dispatch</i>   |
| <i>Daily Herald</i>      | <i>Sunday Pictorial</i>  |
| <i>Daily Mirror</i>      | <i>Sporting Record</i>   |
| <i>News Chronicle</i>    | <i>Radio Times</i>       |
| <i>Evening News</i>      | <i>Mid-Week Reveille</i> |
| <i>Evening Standard</i>  | <i>Week End Reveille</i> |
| <i>The Star</i>          | <i>Weekend Mail</i>      |
| <i>News of the World</i> | <i>Illustrated</i>       |
| <i>The People</i>        | <i>John Bull</i>         |
|                          | <i>Tit Bits</i>          |

*and leading  
 Provincial  
 Newspapers!*

# EASY TERMS

## Open to every man!

HERE is undoubtedly the greatest shaver sales winner yet! Easy Terms available to the public for the REMINGTON 60—already outstanding the fastest moving electric shaver on the market. Simple for stockists to operate, entailing no risk, and with the minimum of paper work, it enables you to offer the most wanted shaver for only 30/- down. Think what this means to every man in your town. It brings a REMINGTON 60—the world's finest shaver—within reach of all.

*There's bound to be a huge and continuous response from the tremendous National publicity campaign; make sure you are ready for your share of the profits. Write to Remington for full, easy-to-follow details NOW.*

**THIS IS A PROMOTION YOU CAN'T AFFORD TO MISS!**

Link your store name with this all-out Remington Sales Drive. Use the FREE Easy Terms display material; direct customers to your counter with local press advertising—half the space cost is paid by REMINGTON.

**Flash-in on REMINGTON 60**

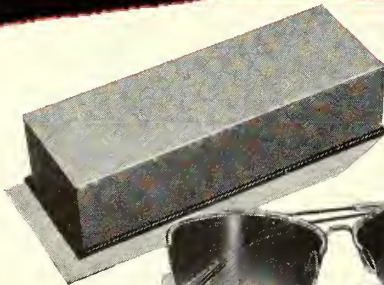
**THE SHAVER THAT REALLY MOVES**

REMINGTON RAND LTD · SHAVER DIVISION · 26-40 KENSINGTON HIGH ST · W8



# Bartlett's Sun glasses

## This Season's Sensational Styles



MP.23a

**M.P.23.** Now presented in 2 shapes and 5 colours of first quality Rhodoid lenses—Degrade Smoked, Degrade Green, Rose, Blue and Smoked. Super Stylish lightweight metal frame (girl is wearing shape MP.23b). Individually boxed.

**13/6** Retail



MP.22a

**M.P.22.** A very popular style with first-quality Rhodoid lenses in a lightweight metal frame. Ideal for all sports wear. Individually boxed. Lenses in Smoked, Blue, Rose or Green. 2 delightful shapes.

**10/6** Retail

★ Order from your wholesaler

All  
wholesale  
enquiries  
to:

**ALFRED FRANKS & BARTLETT CO., LTD.**

226/8 GRAYS INN ROAD, LONDON, W.C.1

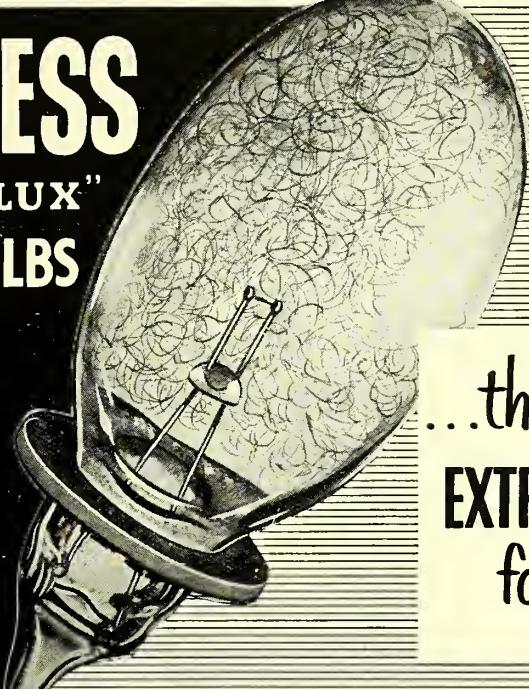
Telephone: TER 9865/8

# PHILIPS FIRST AGAIN!

*Revolutionary new development in flash photography*

**CAPLESS**  
**"PHOTOFLUX"**  
**FLASHBULBS**  
 (TYPE P.F.1)

ONLY  
**8**<sub>d</sub>  
**EACH**



...this means  
**EXTRA TRADE**  
 for you

CLASS M



*This is the simple adaptor, with automatic ejector device, which fits any type of flashgun. Only 1/6d.*

Here's a brilliant idea from Philips which means new business for you. Philips all-glass flashbulbs, *with no metal cap*, are the lowest-priced flashbulbs on the market! What is more — the light output of this new P.F.1 bulb is 20% greater than that of a P.F.3!

You will profit in two ways. First, the lower price will encourage existing "flash" customers to buy more and more bulbs. Secondly, it brings flash photography within the means of the casual 'snap-shotter' and opens up an entirely new market! And remember, every new 'flash' customer means all kinds of extra photographic sales. So place your orders now!

- Suitable for all modern snapshot-shutters (at 'I' setting) and at all speeds with 'M' shutters.
- Short, effective flash duration gives exposures of less than 1/100th sec.
- It gives a guide number of over 180 with high-speed pan film. Light output of 6,500 lumen/seconds.
- Has all the safety features of the regular "Photoflux" flashbulb.

## *Capless* PHILIPS "PHOTOFLUX"

*(Made in Holland)*

*Perfection in a flash!*



PHILIPS ELECTRICAL LTD., LIGHTING DIVISION, CENTURY HOUSE, SHAFESBURY AVENUE, LONDON, W.C.2 (PG775)

# PHOTOGRAPHY AIDS INDUSTRY & PROMOTES SALES

*We offer you the most efficient Photographic  
Service at reasonable charges incorporating*  
**COMMERCIAL, INDUSTRIAL & TECHNICAL  
PHOTOGRAPHY**

- OPERATORS SENT ANYWHERE
- MANUFACTURERS SAMPLES  
FOR CATALOGUES
- INTERIORS AND EXTERIORS



- CONFIDENTIAL PLANS AND  
DOCUMENTS COPIED
- SPECIALISTS IN EXHIBITION  
STAND PHOTOGRAPHY

Phone MAR. 1912

for our Representative

to call and discuss your requirements without obligation

## PHOENIX PHOTOGRAPHICS

PHOTO FINISHERS TO THE TRADE

53 Leytonstone Road, Stratford, E.15. : Tel. MARYland 1912

**Iron  
behaves  
better  
in company**



Clinical investigation\* has shown that traditional oral iron therapy is more effective if associated with the administration of vitamins C and K.

\* (Med. Press, 1954 (Feb. 3rd) p.112)

Advantages are :

Freedom from gastro-intestinal disturbances.  
Most effective absorption of iron.

## 'ANORVIT'

TRADE MARK

Tablets containing :—

Ferrous sulphate, exsiccated 3 grains (200 mg. approx.)

Ascorbic acid (vitamin C) 10 mg.

Acetomenaphthone (vitamin K analogue) 2 mg.

Bottles of 50 tablets 1/10

Bottles of 500 tablets 9/6

\* Tax free for dispensing.

RETAIL \*including  
Purchase Tax 3/3

THE BRITISH DRUG HOUSES LTD. LONDON N. 1

ANVT/T/551





**CALLING ALL CHEMISTS!**



*buy the NEW*  
**Quosh**  
**FRUIT SQUASH**

Made by Carters of Coleford  
the **Ribena** People

With juice from **SUN-RIPENED FRUIT**

*under strict scientific and hygienic control.*

**MINIMUM PROFIT**  
**7 1/2** per bottle  
20% on sales  
plus special quantity and  
Window Display allowances

**MASSIVE CONSUMER**  
**ADVERTISING CAMPAIGN**  
55,000,000  
advertisements a month

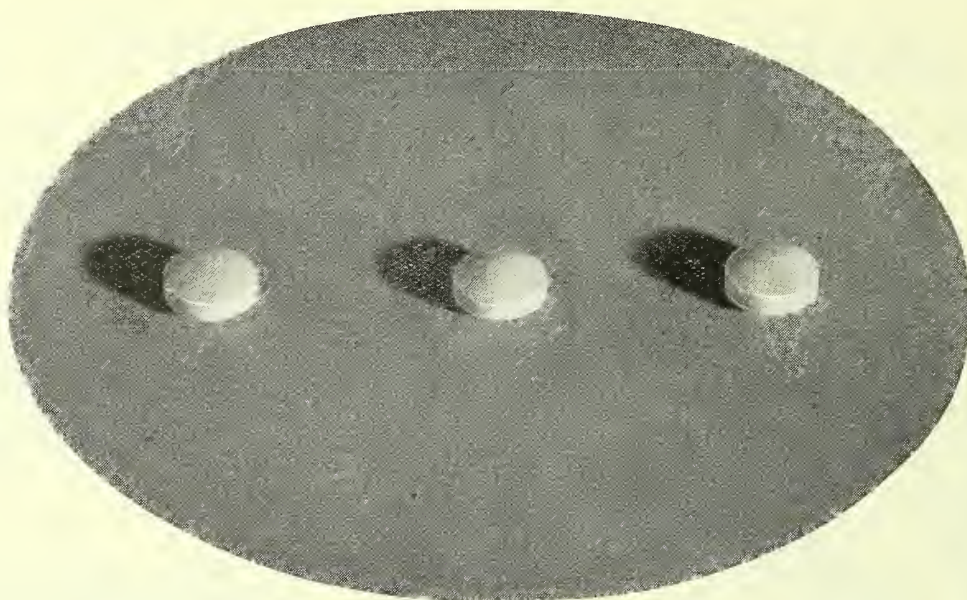
*Quosh is delicious -*  
**it REFRESHES SALES!**

**Order NOW!** - from our Representative when he calls.  
Let him help you with attractive **SELLING Show Material.**

For further information write to

**BEECHAM FOODS LIMITED, GREAT WEST ROAD, BRENTFORD, MIDD.**





Consistent . . . . . every one alike !  
Shape, weight, appearance and above all  
active ingredients.

No matter whether it be hundreds,  
thousands, or millions, the quality of  
Thompson & Capper's Tablets is some-  
thing the pharmacist doesn't have to  
worry about.

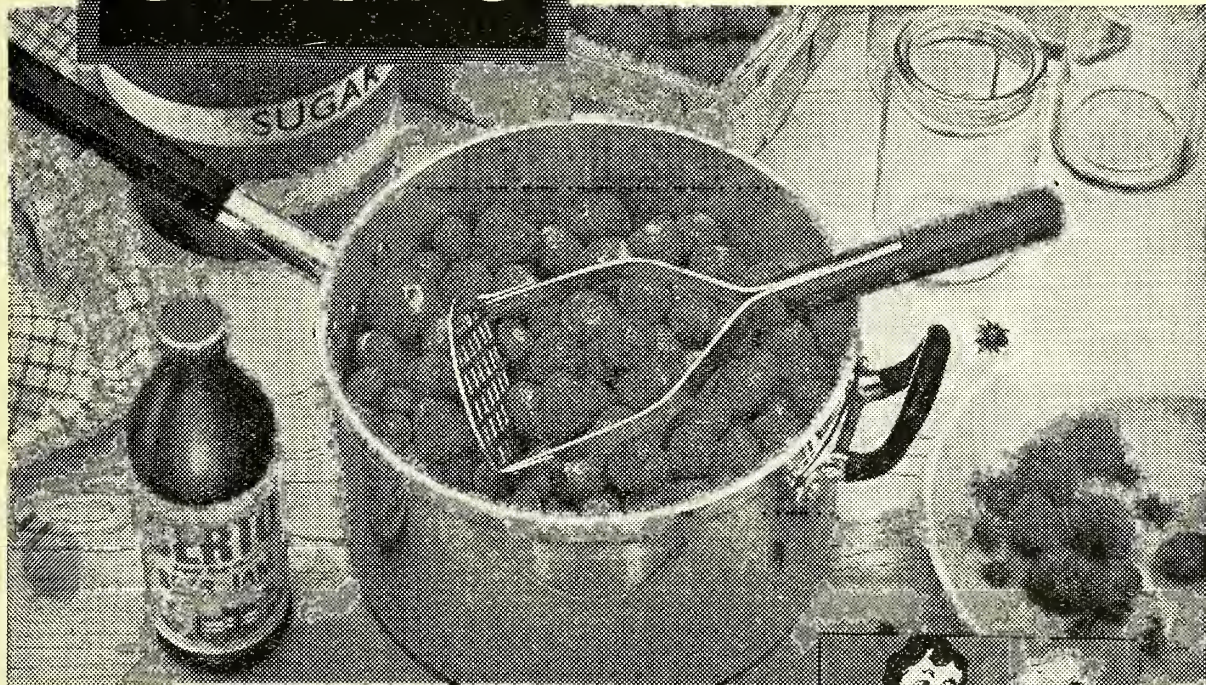
THOMPSON  
AND  
CAPPER  
FOR  
TABLETS

WHEN THE JAM-MAKING SEASON IS HERE—

# CERTO

## is a certain seller!

### There's 6d. profit on each bottle!



**Summer Advertising Campaign.** When jam is made the Certo short-boil way, it sets better, tastes better, looks better—and it makes more jam!

These are facts to interest any housewife who makes her own jam, and housewives everywhere will read them in all the Certo Summer Advertising!

These advertisements will appear in:—WOMAN, WOMAN'S OWN, WOMAN'S WEEKLY, WOMAN'S COMPANION, WOMAN'S WORLD & HOME COMPANION, HOME CHAT, HOME NOTES, HOME & COUNTRY, HOUSECRAFT, TOWNSWOMAN, POULTRY WORLD, SMALLHOLDER.

**You make 6d. on every 2/6 bottle!** Yes! Every time you sell a 2/6 bottle of Certo, you make 6d. profit! Twenty per cent.

Order your stock of Certo before the strawberry season starts—from your Bird's Salesman or from your usual wholesaler. Make summer profits on Certo.

**"You make the most wonderful strawberry jam..."**

It's not the mad fruit Recipe? What's the secret, Mary?

"Yes, secret. I used Certo, so I didn't need to boil it forever. As you know the longer the boil the better the flavonoid, and you get more jam!"

"But surely strawberry jam won't set after such a short boiling?"

"It will with Certo! It's natural fruit pectin. Sugar Syrup don't have enough natural pectin to make jam set quickly. So I always add Certo and get a perfect set every time!"

With Certo you'll know why Certo is really the best—and the easiest! Just method says the Farmer and the Townsman.

**CERTO**  
FRUIT PECTIN  
One of Bird's fine products. 2/6 a bottle.

**FREE!** With every bottle of Certo, 10¢ below regular price.

**31 RECIPES**  
CERTO SETS JAM

# CERTO

## FRUIT PECTIN 2/6

One of Bird's fine products





Write, phone or wire us your requirements:

**HARKER STAGG LIMITED**  
EMMOTT STREET, LONDON, E.1.

TEL.: STEPNEY GREEN 2022.

GRAMS: GALENICALS, EASPHONE, LONDON

# PROPRIETARY MANUFACTURERS

When reviewing the drug requirements for your manufacturing period programme, remember that we carry a *comprehensive* range of galenicals at highly competitive prices. Remember, too, that we are well equipped to make up proprietary lines precisely to your formulas and specifications in strict confidence — so helping you to realise new record output whatever the season.

GALENICALS

TABLETS

COMPLETE PROCESSING SERVICE



# PRESGRIP

PRESS-IT GRIPS!

The SENSATIONAL "LIMPET" SHOWCARD you can keep on using.

The Presgrip set comprises a permanent display card 11½" x 9½" with black or red message area, and 178 interchangeable letters and figures ⅜" high made of solid glossy white plastic. Simply align the letters on the card using the guide-rule, and press them with the thumb. No adhesive. To change message prise off letters with thumb nail. The Presgrip secret! See for yourself.

Send for FREE SAMPLES of letters and background.

**PRESGRIP SIGN CO.**  
55 Eastgate Street, Winchester, Hants



COMPLETE KIT.—one showcard, partitioned box and guide-rule, with letters, only 32/6. With letters and figures 42/6. POST FREE.

TV's Cookery Expert  
**MARGUERITE PATTEN**  
tells your Customers about

# Handjoy

in the Radio Times  
and about the  
**SAMPLE OFFER**



Starting from the 15th April, millions of readers of the RADIO TIMES will be advised by Marguerite Patten to use HANDJOY for removing obstinate vegetable and fruit stains from the hands.

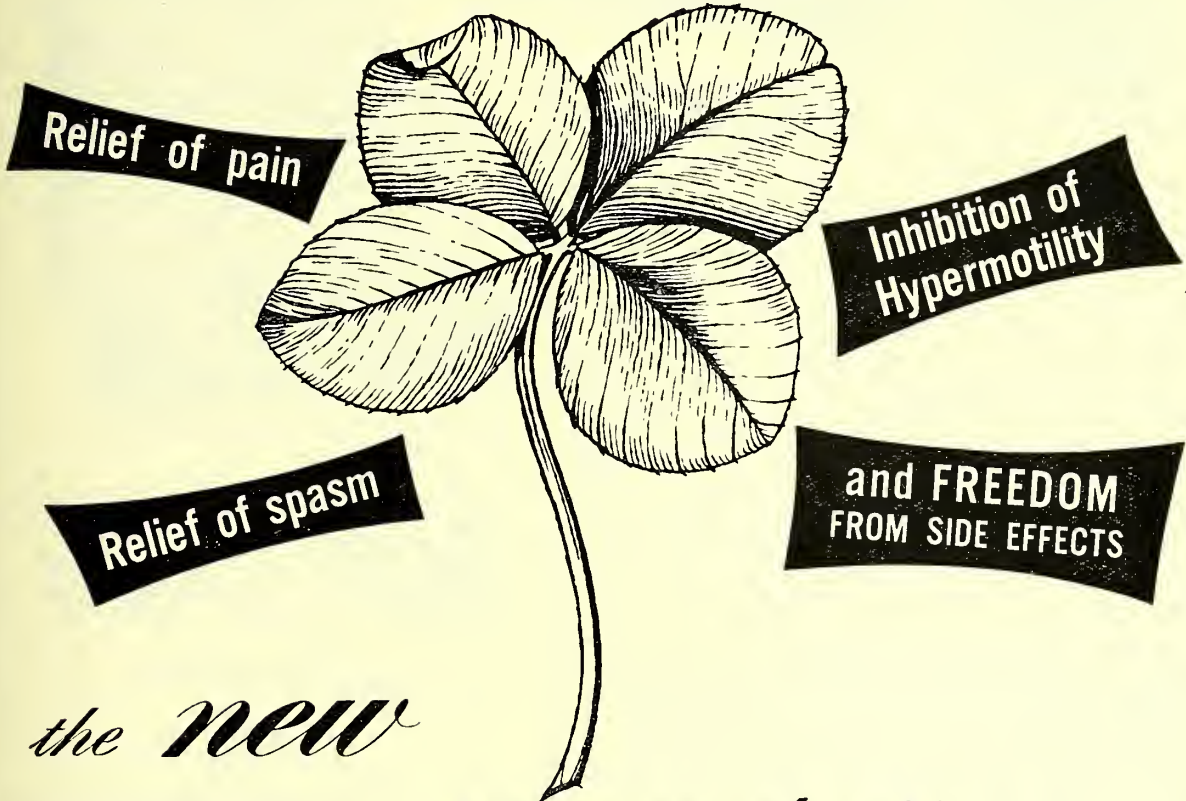
The advertisements will also offer HANDJOY SAMPLES, for which many of your customers will write. Be prepared for a BIG HANDJOY demand — order your stock NOW! Attractive display stand free with every dozen.



From your Wholesaler 13/- per doz. plus P.T. 9/9d. I.r.p. 2/6d. per jar. These terms show Retailers a profit of 7/3d. per doz. Handjoy holds the Good Housekeeping Institute Seal of Guarantee.

**G. T. FULFORD CO. LTD (of Canada), HATCH END, MIDDX.**

*Unique in the field*



*the new*

*spasmolytic*

# **BUSCOPAN**

HYOSCINE-N-BUTYLBROMIDE

Regd

**FOR ORAL AND PARENTERAL THERAPY**

**TABLETS 0.01 Gm. • TUBES OF 20 • BOTTLES OF 100 & 500  
AMPOULES OF 0.02 Gm. • BOXES OF 6 & 30**

---

Manufactured in England by PFIZER CORPORATION as registered user for  
C. H. BOEHRINGER SOHN • INGELHEIM AM RHEIN  
(Registered Proprietors of the Trade Mark)  
Distributed by PFIZER LIMITED • FOLKESTONE

# FOR YOUR DISPLAYS



COMPLETE WITH CONTENTS  
**23/8**  
(INCLUDING TAX)

A NEW STAND FOR  
"ADAPTOPLAST"  
(the only C.F. First Aid Dressing of this type) and  
"CARNATION" CORN CAPS  
(still the favourite)

Now is the time to display Carnation Corn Caps and Adaptoplast. Until Autumn the demand for these is at its greatest, and this display piece will ensure you do not miss this business. It has been specially designed to act not only as an effective sales aid, but also as a convenient stock and serving arrangement. The stand contains 18 cartons, 1/1d. Carnation Corn Caps, 12 tins, 9d. Adaptoplast and 3 tins, 1/6d. Adaptoplast, and is supplied COMPLETE with contents at 23/8d. (including tax). Carriage paid on £5 orders.



SIZE: 10 ins wide, 9 ins front to back, 12 ins high.

PRODUCTS OF  
**Cuxson, Gerrard & Co. Ltd.**  
OLDBURY BIRMINGHAM

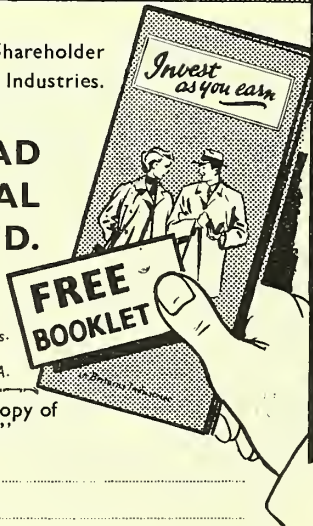
## "Buying shares out of earnings"

YOU can become a Shareholder in Britain's prosperous Industries. Write for Booklet to

**WHITEHEAD INDUSTRIAL TRUST LTD.**

177 REGENT ST., LONDON, W.1

Licensed Dealers in Securities. Directors: A.J. Whitehead · J.D. Kyle, C.A.



Post this coupon for copy of "Invest as you Earn."

NAME .....

ADDRESS .....

Please print in BLOCK LETTERS

C.D.

## Cash in on Quick Selling "Sun-tang"



The whole orange drink everybody wants. Stimulated by powerful national advertising, more and more customers will ask for Sun-tang—the CONCENTRATED whole orange drink, rich in Vitamin C, with added sugar and glucose. Meet the fast-growing demand by ordering ample stocks NOW.

Specially designed display material—to boost sales and increase profits—can be obtained from your usual wholesaler or direct from

**BARNETT & FOSTER LTD.**

Queensbridge Road, London, E.8. Tel: Clissold 7132

MAKERS OF "NIAGARA" BLACKCURRANT SYRUP

**Reserved for the Coty dealer**

Here's a great new line to increase your turnover

**NEW · UNIQUE · EXCLUSIVE TO COTY**

# Perfumed Solid Cologne

*in entirely new presentation*

# Twistick by COTY

(It twists up like a lipstick)



In these fragrances—L'AIMANT · MUGUET  
PARIS · CHYPRE · L'ORIGAN · FOUR SEASONS

Your customer will appreciate these sales points

No evaporation. Longer-lasting.  
More economical. No peeling foil.  
No messy crumbling. And a very elegant handbag accessory.



Ask our representative to show you *Twistick*

COTY (ENGLAND) LTD., 3 STRATFORD PLACE, LONDON, W.1

## LION stands for QUALITY IN NYLON HAIR NETS — AND SMART, MODERN PACKS!

1. Bright Film envelopes on this attractive hanging card do an excellent 'reminder' job. 3 or 6 dozen per card, in any shade assortment.
2. LION '8' nets show to your advantage in this stand-up counter dispenser, easily displayed for quick and easy sales.
3. Close-up of the eye-catching LION envelope.



LION '7' (strong general-purpose nylon net). LION '8' (15-denier, small mesh). LION '9' (also very fine). All available from your wholesaler. In event of difficulty we will gladly send the name of your nearest supplier.

**ROBERT SHAW & CO. LTD.,**  
ASCOT ROAD, NOTTINGHAM  
TELEPHONE - - - NOTTINGHAM 77231/2  
LONDON:  
CONDOR HOUSE, ST. PAUL'S CHURCHYARD, E.C.4 TELEPHONE: CITY 3359  
*Makers of quality hair nets since 1905*



INVISIBLE IN WEAR ● IN ALL HAIR SHADES

# Antistin-Privine

(0.5% Antistin\* and 0.025% Privine\*)

In HAY FEVER

A TIMELY REMINDER THAT THIS UNIQUE  
ANTI-HISTAMINE-VASOCONSTRICTOR COMBINATION REACHES  
ITS PEAK PRESCRIPTION DEMAND DURING  
THE SUMMER SEASON OF ALLERGIC RHINORRHOEAS

$\frac{1}{2}$  fl. oz. Pocket Nebulisers (4/-)  $\frac{1}{2}$  fl. oz. Dropper Bottles (4/-)

Dispensing Packs of 4 fl. ozs. (22/-) and 20 fl. ozs. (88/-). Subject to the usual discounts. Exempt Purchase Tax.

Now exempt from poisons regulations

## C I B A

\*Registered Trade Marks. Reg. user CIBA LABORATORIES LIMITED · HORSHAM · SUSSEX Tel: Horsham 1234. Grams: Cibalabs, Horsham



*Fast moving*

“dor”


now also available in  
stick form


“dor”, the cream that introduced many thousands of women to the deodorant field, is now also obtainable in stick form. This new product, so tastefully presented in a charming pink plastic container, will retail at 1/9. It is easily applied and convenient to use.

“dor” stick is new —  
advertising is going to make it news!  
Contribute to your own profits  
by displaying it generously.



 We presented it . . .

 you promoted it . . .

 let's make it a STAR . . .



A national advertising campaign is now in full swing, and more and more women are buying this perfect non-soluble santowel—the santowel that combines *all the essential features* for the first time . . . at the right price. Keep Blue Star in stock to meet the growing demand.

## Blue Star

by Southalls

the NEW Santowel designed by women for themselves.

Order **TODAY** from your wholesaler!

*for the service behind  
your service*



**SUMNER'S**

- ★ DRUGS
- ★ GALENICALS
- ★ DRESSINGS
- ★ INSTRUMENTS
- ★ PROPRIETARIES

Makers of  
**Vitasac**  
The Perfect Baby Food

**R. SUMNER & CO., LTD.**

HANOVER STREET, LIVERPOOL. TEL: ROYAL 6644  
FITZALAN ROAD, CARDIFF. TEL: CARDIFF 32696

SV17

# VITAMIN D3

Manufacturers:

**PEBOC  
LIMITED**

Enquiries to SALES OFFICE  
629/630 TOWER BUILDING  
LIVERPOOL 3 • ENGLAND

LABORATORIES  
GREENFORD, MIDDLESEX

# Sebbix

SHAMPOO

*safeguards hair health  
highlights hair beauty*

A new shampoo medically recommended for dandruff, Sebbix can be sold with complete confidence as it is absolutely safe to use as a general shampoo. Its rich, soapless lather penetrates even the thickest hair, protecting it from infection and leaving it soft, silky and easy to manage.



*Retail Price:  
Bottle for 6-8 good shampoos, 3/2, including Purchase Tax.*

*Trade Price:  
23/- per dozen, subject to the usual discounts.*

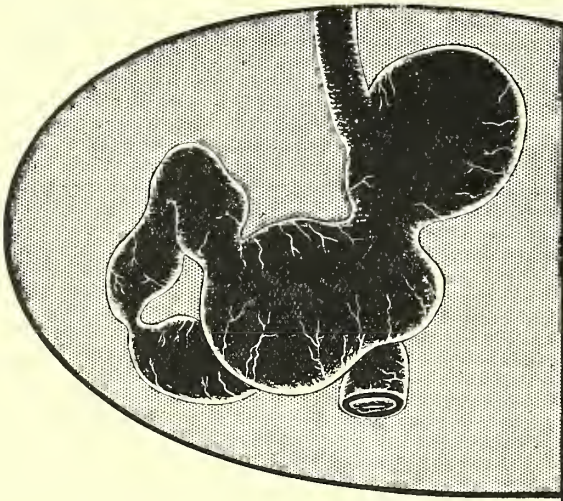
## DOCTORS RECOMMEND Sebbix Shampoo

which contains purified fractions equivalent to 2% coal tar and hexachlorophene 1% in a specially formulated soapless shampoo base. Sebbix shampoo answers a universal need and opens the door to a large market for the chemist.

Make that market yours. Stock, display and sell Sebbix shampoo.

GENATOSAN LIMITED  
*Loughborough, Leicestershire*





*The potent  
anticholinergic agent  
for  
Gastric Hypermotility*

A proven pharmaceutical product, "Pro-Banthine" is a highly potent anticholinergic agent, inhibiting transmission of neutral stimuli at autonomic ganglia and parasympathetic myoneural junctions. By such inhibition "Pro-Banthine" reduces gastro-duodenal hypermotility, which is one of the causes of ulcer pain, and it is in striking confirmation of this that dosage with "Pro-Banthine" dramatically results in relief of pain.



# SEARLE

*Ethical Pharmaceuticals  
since 1888*

**G.D. SEARLE & CO., LTD.**

17, Manchester Street  
London, W.1.

Telephone: Welbeck 1306.

"Pro-Banthine" is safe, easily administered, and devoid of unpleasant taste. Pain relief and marked improvement is felt in most cases in 48 to 72 hours after starting "Pro-Banthine" treatment. Dosage is usually 15 to 30 mg. q.i.d. "Pro-Banthine" is supplied in 15 mg. tablets in bottles of 40, 100 and 1,000.

Literature on request.

\*TRADE MARK

# HUNDREDS of POUNDS SAVED

## By this simple system of accounting and stock control

Have you ever reckoned how much you lose in one year by

- (a) Lost discounts.
- (b) Faulty stock control.

Fifty—eighty—a hundred pounds? Or more?

One firm of retail Chemists has saved £400 a year by eliminating these unnecessary losses. With this system you can do the same.

Take the question of discounts. It is no fun at the end of a busy week to be confronted with a massive pile of unsorted invoices and statements. It is even worse when you suddenly find that you have missed the discount on a substantial account.

Now by an easy method of filing, this annoyance can be averted. Clerical labour is cut to the absolute minimum. The bulky clip, the untidy spike are discarded. In their place a neat individual folder for each supplier holds invoices and statements in correct data order.

Coloured signals warn of unpaid accounts on which discount is allowed. This means that when time is pressing these may be dealt with first. Thus discounts simply cannot be missed.

And now stock control. This simple compact method will tell you instantly:

1. No. of goods received as against orders.
2. The exact position of any item at any moment.
3. Which are your best selling lines and which are 'sticking.'

and all other relevant details. Here again coloured signals give you instant warning of stocks that are 'low' or 'out.'

Perhaps you feel that you can keep all this in your head. Perhaps you are right. But what happens when you are absent? Can you be so sure of your assistant's memory? What of your branch Managers? Are you so certain that they can control their stock; or are they regretfully telling your customers that a particular product 'is out at the moment'?

This system will solve all these problems. Additionally—of particular interest to retailers with branches—it enables you to co-ordinate your branch orders. This means bulk buying and greater profits.

These systems are not stock records adapted to your particular business. They were designed by Chemists for Chemists and are being used by increasing numbers throughout the country. For full details, by return, just write 'Chemists systems' on your headed notepaper and post to the address below.



**VISIBLY BETTER RECORDS**

**The Shannon Ltd.**

**84 Shannon Corner - New Malden - Surrey**



# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

*Official organ of the Pharmaceutical Society of Ireland  
and the Pharmaceutical Society of Northern Ireland*

Volume 163

May 21, 1955

No. 3926

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ANNUAL SUBSCRIPTION, which includes The Chemist and Druggist Diary and Year Book, £2. Single copies one shilling each.

# Poliomyelitis

## V A C C I N E

All supplies of Poliomyelitis Vaccine produced at The Wellcome Research Laboratories, Beckenham, will initially be reserved for the Ministry of Health and for any clinical trials that may be organised by the Medical Research Council. It is, therefore, regretted that direct requests for supplies cannot be entertained at present.



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# The CHEMIST AND DRUGGIST

Volume 163

MAY 21, 1955

No. 3926

## Council Election Surprise AN OUTGOING MEMBER DEFEATED

ONE new member was elected (by a margin of 551 votes) and six retiring members re-elected in the voting in the Pharmaceutical Council election which closed at noon on May 18. The defeated member was Miss M. C. Islip.

The voting figures were:—

ELECTED	
TRISTRAM, W. J. ...	6,838
MAPLETHORPE, C. W. ...	5,940
ELDER, W. T. ...	5,641
HUDSON, D. W. ...	5,504
REID, T. ...	4,930
SHAW, GRANVILLE ...	4,904
JACKSON, MITCHELL ...	4,217
NOT ELECTED	
Islip, Miss M. C. ...	3,666
Greenwood, Mrs. A. ...	3,400

Stevens, C. C. ...	2,918
Searle, T. E. ...	2,908
Hincks, Miss M. J. ...	2,825

The number of voting papers issued was 26,585; 9,743 were returned, of which number seventy-eight were disallowed.

## Conference Housing

LATEST DATE FOR APPLICATIONS

THE housing committee of the British Pharmaceutical Conference, 1955, Local Committee, urges members who wish to attend the meeting of the Conference in Aberdeen in August to complete their application forms for accommodation without delay. The Committee states that it is most anxious that members should be comfortably housed. The housing committee has a reasonable allocation of

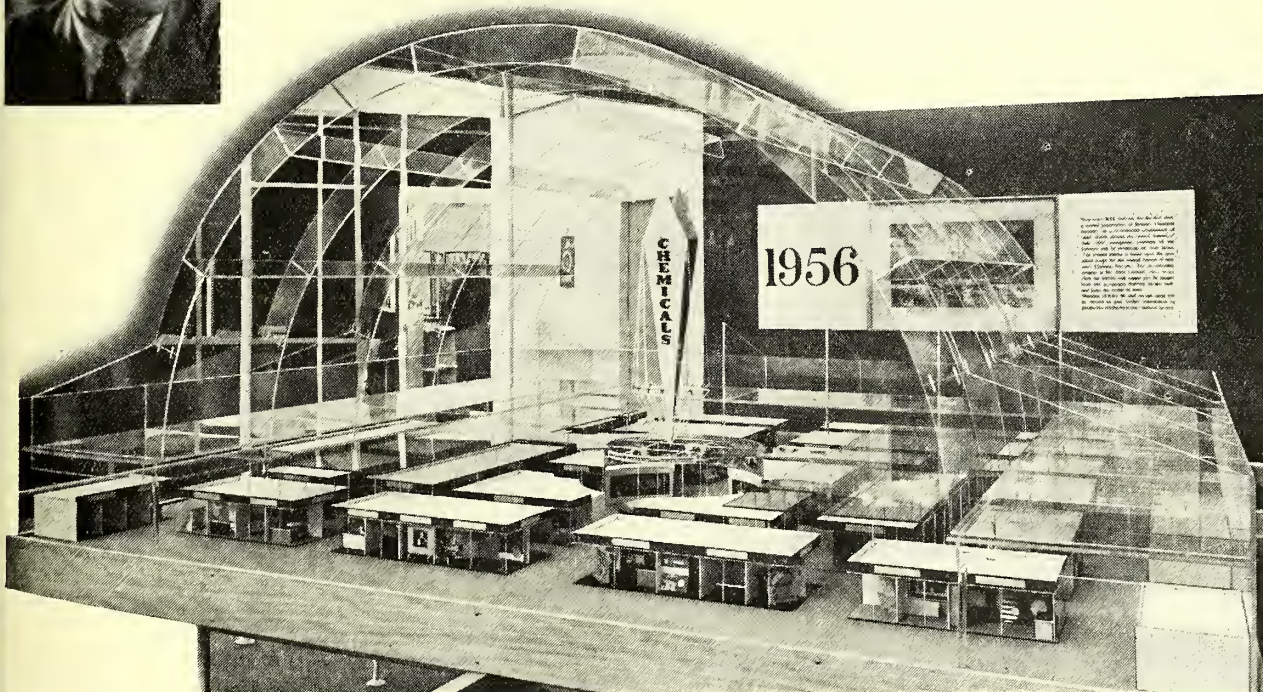
rooms that will be available for reservation only until June 4. While everything will be done to accommodate members after that date, the committee may be unable to guarantee accommodation to applications received after June 4. Will members please complete the application form now, and post to the secretary, Mr. G. Dickie, 4 Deeside Terrace, Aberdeen. The committee also points out that "B" hotels are of a high standard, and hostel accommodation extremely comfortable.

## Licence-free Goods

OPEN GENERAL LICENCE EXTENDED

A FURTHER list of chemicals and pharmaceuticals which may be imported under open general licence was issued by the Board of Trade on May 13. The items are: Antimony oxide, bromochloromethane, calcium acetate, nitrate and hypochlorite (including bleaching powder), copper iodide, hexolactam (caprolactam), hydrochloric acid, natural menthol, methanol, ox bile, aureomycin and Terramycin. (For a list of countries covered by o.g.l. see *C. & D.*, November 20, 1954, p. 505.) At the same time the Board of Trade states that no important changes are being made in the value of the global import quotas for the second half of 1955.

THE  
NEW  
MEMBER :  
Mr.  
Mitchell  
Jackson



FORETASTE OF 1956: The Association of British Chemical Manufacturers showed at the London section of the British Industries Fair recently a model of the exhibit they will be staging at the 1956 Fair. The model indicates not only the shape of the stand but its strategic position within the main hall at Olympia.

## Scholarship Awards

### SUCCESSFUL COMPANY APPRENTICES

AFTER examinations open to indentured apprentices employed by Boots, Ltd., the following awards were made recently:—

*Scholarships of £225. (For those taking a three-year college course).—*Howard W. Kin-kaid, Tunbridge Wells; David T. Britton, Uckfield; Gillean P. Blount, Tamworth; John M. D. Payne, Dorchester; Philip W. Broadhurst, Congleton; Norman P. Stidolph, Finchley; Michael Downard, Stoke-on-Trent; Robert B. Bockett, Portsmouth; Michael A. Beaven, London, S.W.2; David S. Nunn, Farnham; Ronald E. Salmon, Dalston, E.8; Alexander J. P. Shearlaw, Stirling; Malcolm W. Brough, Coventry. *Scholarships of £150. (For those taking a two-year college course).—*Gordon S. Niven, Inverness; Alan J. Evans, Torquay; Gordon B. Mitchell, Hailsham; Constance E. Bainbridge, Liverpool; Norma I. Cubbin, Liverpool; Edward R. Roberts, Rhyll; George Clarke, Derby; Ronald Dowland, Shaftesbury; David N. McEvoy, Liverpool; Sheila L. Elgie, Newcastle-on-Tyne; Margaret Coleman, Beckenham; David J. Whitehouse, Walsall; Paul S. Nicholson, Sheffield; John M. Smith, Smethwick; Terence R. Hayward, Gravesend.

During their week's stay in Nottingham for the examinations, the 250 candidates inspected the company's pharmaceutical and chemical factories and other centres of interest in Nottingham and surrounding area.

## Hospital Drug Supplies

### CENTRALISATION NOT WORTH WHILE?

ALTHOUGH centralisation of pharmaceutical supplies might be worthwhile where the constituent hospitals of a group were sited close together and were homogeneous, in the more widespread country groups there was more to be lost than gained by centralisation said MR. G. G. WATSON (secretary and treasurer, Board of Management, Coatbridge and Airdrie Hospitals) at the conference of the Institute of Hospital Administrators that met in London on May 13. There was, he said, a fruitful field for economising and giving assistance to the smaller hospitals which might not themselves justifiably require a pharmacist, by the linking of those hospitals to a larger one through which they would obtain their pharmaceutical requirements directly.

## Traders' Transport

### DELIVERY BAN IN SLOUGH?

THE Traders' Road Transport Association has asked the Ministry of Transport to reject proposed traffic regulations which would prohibit loading and unloading of commercial vehicles in Slough, Bucks, for two two-hour periods in the morning and afternoon. The London divisional secretary asks the Ministry not to make any decision until the Association can collect statistics to show the effect such a ban would have on the essential supplies to the town. Points raised by the secretary are that no attempt has been made to make any inquiries about the nature of goods traffic movement in

the town, nor the extent to which that movement would be affected; that such a prohibition would deny reasonable and necessary access to premises fronting the highway for substantial parts of the working day; and that the interference with one delivery in Slough might well prejudice deliveries elsewhere. The annual report of the Association warns members to be alert against attempts to impose delivery bans.

## Co-op Pharmacy Wages

### UNION DEMANDS INCREASE

THE Union of Shop, Distributive and Allied Workers is asking the National Co-operative Wages Board for flat increases of 30s. a week for pharmacy branch managers and manageresses, 25s. for unqualified assistants, 15s. for unqualified adults mainly engaged in dispensing, and 6s. for unqualified women assistants aged twenty-one or over. The Wages Board is offering the following increases:—Pharmacies with weekly sales up to £100, managers, 18s. 9d., manageresses, 18s.; at £600 weekly sales, managers 26s. 3d., manageresses 25s. 9d.; qualified assistants, male, 11s., female, 6s.; unqualified assistants mainly engaged in dispensing, male, 11s., female 6s.; unqualified female assistants, 6s.

## Bristol Old Students

### TESTIMONIAL TO MR. WILLIAM COOPER

A TESTIMONIAL fund has been opened by the Old Pharmacy Students' Association of the Bristol College of Technology to provide a gift for Mr. William Cooper (head of the School of Pharmacy at the College), who is retiring on August 31. Donations should be sent to Mr. E. J. Shellard, Old Pharmacy Students' Association, School of Pharmacy, College of Technology, Unity Street, Bristol, 1.

## IRISH NEWS

### Kerry Chemists

#### MEETING OF ASSOCIATION

AT a meeting of the County Kerry Chemists' Association in Killarney, on April 24, Mr. P. J. Donoghue, Killarney, presiding, there were present Messrs. M. Costello and P. F. McGrath (president and vice-president, respectively, of the Pharmaceutical Society of Ireland), B. R. Smith (secretary, Irish Drug Association), and M. Power (a member of Council of the Pharmaceutical Society of Ireland). Subjects discussed included dispensing by unqualified persons in the local dispensaries, quotations to the Kerry county council for maternity packs, and direct sales by travellers to private houses of veterinary and other products, which should be sold through retail chemists. MR. COSTELLO gave the meeting a full statement on the position in relation to the Fair Trade Commission, and the forthcoming new pharmacy legislation, upon which a discussion followed. MR. MCGRATH spoke on the Health Acts and the various regulations made to date, and MR. SMITH replied to a number of questions regarding the work of the Irish Drug Association.

## Fruit Products

### SOME PHARMACEUTICAL USES

THERE was an excellent attendance at a lecture given recently at the College of Pharmacy, Dublin, by Dr. Charley on "Some Pharmaceutical Uses of Fruit Products." The lecture was given under the auspices of the Irish Pharmaceutical Students' Association, Mr. Bernard Tedders (chairman of the Association) presiding. Several members of the Council of the Pharmaceutical Society of Ireland were present including the vice-president, Mr. P. F. McGrath, Messrs. D. J. Kennelly, H. P. Corrigan, C. J. Cremen, and the registrar (Mr. James G. Coleman). DR. CHARLEY illustrated his talk with slides showing the different processes used in the preparation of fruit syrups, particularly in the making of black currant syrup. He mentioned that black currants brought from Ireland for processing were found equal in quality and vitamin content to those grown in Britain. At the close MR. MCGRATH proposed a vote of thanks to Dr. Charley and the motion was carried with acclamation.

## Students' Conference

### EARLY APPLICATIONS INVITED

THE Irish Pharmaceutical Students' Association are organising a party to attend the conference of the International Pharmaceutical Students' Federation that is being held in Vienna, August 3-13. The total cost of travel and accommodation will be approximately £30. Students are urged to make immediate application to the secretary, Irish Pharmaceutical Students' Association, College of Pharmacy, Shrewsbury Road, Ballsbridge, Dublin.

## Examination Results

### SUCCESSFUL ASSISTANTS

THE following candidates were successful in the recent Assistants' examination held by the Pharmaceutical Society of Ireland: Margaret Frances Flynn, Anne M. C. Tierney, Patrick Joseph Fitzmaurice, Michael Joseph Moynihan, Julia Carmel Murphy and Mary Catherine McDonald.

## SCOTTISH NEWS

### Federation Executive

#### ELECTION RESULTS

THE following are the successful candidates in the recent Scottish Pharmaceutical Federation executive council election for 1955-57:—*Aberdeen and North-eastern Area*, W. T. Elder, Aberdeen; John D. C. Anderson, Aberdeen; *Dundee and East and Central Area*, J. B. Coupar, Dundee; A. R. Lowson, Dundee; *Edinburgh and South-eastern Area*, P. H. Cartwright, Galashiels; A. W. Keith, St. Andrews; Douglas A. Moncur, Edinburgh; A. J. Wilson, Edinburgh; *Glasgow and South-western Area*, Andrew Officer, Glasgow; W. Spence Culbert, Airdrie; Hugh W. Thomas, Glasgow; William Peebles, Glasgow; Fred. Baillie, Glasgow; Donald M. Fraser, Glasgow.



## NEWS IN BRIEF

THE Ovaltine Jersey herd gained eleven awards at the Oxfordshire agricultural show on May 10 and 11.

TRADERS in Cheadle, North Staffs, have decided to form a Traders' Association to discuss matters affecting local trade.

PHARMACY students from Chelsea Polytechnic visited the Greenford, Middlesex, headquarters of Glaxo Laboratories, Ltd., on May 10.

A SITE in Nottingham measuring 3,675 sq. yd. has been acquired by Boots Pure Drug Co., Ltd., for a research centre at a cost of £30,000.

DAME Mary Smieton has been appointed deputy secretary in the Ministry of Labour and National Service in succession to Sir Harold Wiles when he retires on June 25.

THE discovery of a new element, No. 101, named mendelevium and the heaviest known, was announced at a meeting of the American Physical Society on May 1.

MR. NORMAN SHELDON (John Moncrieff, Ltd., and Worcester Royal Porcelain Co., Ltd.) has been re-elected chairman of the British Chemical Ware Manufacturers' Association.

A FIRE which broke out in the fine chemicals department of the factory of Genatosan, Ltd., Loughborough, Leics, on May 9, caused damage amounting to several hundred pounds.

A JOINT appeal by the University of Edinburgh and the Heriot-Watt College for contributions towards the endowment of a chair of chemical technology has raised £60,524.

At the thirty-fifth annual meeting of the British Chemical Plant Manufacturers Association held in London on May 10, Mr. W. J. Hooton (the retiring chairman) was re-elected for a further year.

THE eleventh list of amendments to Appendix A of the 1951 report of the departmental committee on the carriage of dangerous goods and explosives in ships is now obtainable from H.M. Stationery Office, price fourpence.

THE recently formed car club of the Portsmouth Chemists' Association held its inaugural run on May 8; pharmacists in the district wishing to join the club should notify Mr. S. Isherwood, Abbots Ann, Vectis Road, Alverstoke, Gosport, Hants.

## SPORT

GOLF. — SOUTH LONDON AND SURREY PHARMACISTS GOLFING SOCIETY, match against the Croydon chamber of commerce at Addington Palace golf club on May 11. Chamber of commerce won by three matches to two.

MANCHESTER PHARMACEUTICAL GOLFING SOCIETY at Shaw Hill golf club on May 4, prizes given by the members of the Society residing in Bolton won by Mr. J. W. Kemp and his brother with a score of 36 points.

IRISH CHEMISTS' GOLFING SOCIETY, at Dun Laoghaire golf club on May 11. Competition for prizes presented by May Roberts (Ireland), Ltd. *Eighteen Holes Strokes*: I. E. W. Massey (16), 69; 2, D. N. Mulvey (13), 69. *Best First Nine*: S. J. McKenna. *Best Second Nine*: J. A. Hurson. *Eighteen Holes Bogeys*: 1, J. J. Howard (18), 2 down; 2, T. J. Lynch (6), 2 down. The prizes were presented by Mr. A. D. Davidson (a director of May Roberts (Ireland), Ltd.).

## TOPICAL REFLECTIONS

By Xrayser

*Solution Before Dissolution*

Several important matters were debated in the House of Commons on May 4 (p. 529), prior to the departure of the members to their constituencies, where a feverish wooing is now in progress. In replying to questions concerning the prescribing of proprietary medicines, the Minister of Health was much more specific than I have known him to be. Mr. Macleod made it clear that "it was wholly within a doctor's discretion to prescribe a particular drug even though it had been suggested by the Cohen Committee and by the Minister that on the whole it was inadvisable to do so." He also said that if a doctor chose to go against advice he would not be surcharged for it. Mr. Macleod even went so far as to say that preparations which it had been suggested were not of proven therapeutic value could still legitimately be prescribed if the doctor thought fit. Nothing so unequivocal has been stated previously. There has always been a "but." The statements should go far to remove, temporarily at least, the hunted and harried look from a body of men and women who have been subjected to the conflict of ministerial pronouncements. The Minister clearly realises the importance of the pharmaceutical industry in the export market, and, while anxious to secure economies on the home front, he could hardly expect countries abroad to purchase preparations which were in disfavour in Britain. So, for the moment, circumstances have conspired to produce a clarification of the doubts, and a clear and lucid exposition.

*Amulets*

The discovery during stocktaking of two iodine locketts set me musing on the credulity of mankind, and at the same time revived memories of an earlier locket which relied on camphor for its wizardry. I can recall very clearly the window of a particular pharmacy into which had been tipped several hundreds of locketts of the camphor kind, in blue, green, red and gold, and there can have been few schoolchildren who did not at that time find themselves in the aromatic atmosphere of warm camphor compounded with slate-pencil. How those metal containers, brightly coloured and complete with their contents, could be sold for one penny each must remain a mystery! O. Henry, in his diverting "Let me feel your pulse," tells of the handing of a prescription to a druggist, who announced that the price for an ounce bottle would be \$2.87, whereupon the patient asked for a piece of wrapping cord, made a hole in the prescription, ran the cord through it, tied it around his neck, and tucked it inside. "All of us have a little superstition," he said, "and mine runs to a confidence in amulets." Medical history shows that the amulet was credited with great powers, and few notable families were without a charm of some kind. One of the most famous was that known as the Lee-penny, which was said to have been brought back from the Crusades by Sir Simon Lockhart of Lee. Sir Walter Scott made use of this amulet in *The Talisman*, and in his introduction to the novel he tells of its use, both as styptic and febrifuge. Even in Scott's lifetime the Lee-penny was used as a cure for the bite of a mad dog. The talisman consisted of a pebble inserted in a coin, and all that was necessary was to dip the coin into the water that was to be used for the cure. The legend is as picturesque as the red stone in its mounting.

*Twenty Years Ago*

Your leader on p. 537, grouping the points of agreement in the policies put forward by the candidates for election to the Council, sent me back to THE CHEMIST AND DRUGGIST of 1935, so as to compare promise with achievement. I find that the burning topic of the day was the urgent need for a new building to house the Pharmaceutical Society. The six retiring councillors of that year regarded a new home as necessary, since "our present headquarters are neither adequate to our needs nor creditable to our calling." They even promised to reduce the retention fee, but they could not, of course, foresee a war.

## BIRTH

**BURKE.**—Recently, to Teresa (née O'Connor), wife of John Burke, M.P.S.I., Laurel Park, Clondalkin, co. Dublin, Eire, a son.

## MARRIAGE

**ACRAMAN—SCOTT.**—At S.S. Mary and Modwen Church, Burton-on-Trent, Staffs, on May 5, Anthony Roger Acran, 520 Burton Road, Littleover, Derby, to Sheila Carmela Scott, M.P.S., 87 Eldon Street, Burton-on-Trent.

## DEATHS

**CARNELL.**—On April 26, Mr. Harold Carnell, M.P.S., 358 Radford Road, Nottingham, aged fifty-seven.

**DUCKWORTH.**—At his home, 61 Cheltenham Road, Gloucester, on May 9, Mr. Robert Yates Duckworth, M.P.S., aged fifty-three. He was in business at 137 Barton Street, Gloucester.

**LEVIS.**—At his home, 4 Waverley Terrace, Kenilworth Square, Rathgar, Dublin, on May 15, Mr. Robert Ellis Levis, L.P.S.I. Mr. Levis qualified as a pharmaceutical chemist in Ireland in 1901.

**QUANT.**—Recently, Mr. Ernest Quant, Landour, Lower Woodfield Road, Torquay, aged eighty-six. Mr. Quant qualified as a chemist and druggist in 1889. From 1894 he ran his business as Quant's Pharmacy, and had several branches when he retired in 1947. He was bacteriologist to Torquay Corporation for twenty-three years and carried out similar work for Torquay Hospital for twelve years. He discovered a new process for distilling witch hazel.

**ROBERTSON.**—At 107 Helensburgh Drive, Glasgow, W.3, on May 12, Mr. Andrew Robertson, M.P.S. Mr. Robertson qualified in 1907. He was in business at 1642 Great Western Road, Anniesland, Glasgow, W.3.

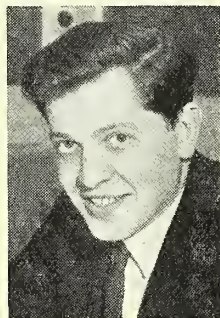
**SCOTT.**—At 1 Marchmont Street, Edinburgh, on May 10, Mr. Charles Scott. Mr. Scott qualified as a chemist and druggist in 1883.

**ROSENHEIM.**—Recently, Dr. Otto Rosenheim, F.R.S., aged eighty-four. Dr. Rosenheim was formerly reader in biochemistry at London University. Born in Germany, he took his Ph.D. degree there, settling in England in 1895. He worked temporarily at Manchester University before going to King's College, London, as research student in pharmacological chemistry. He was elected a lecturer in 1904 and later became assistant professor of physiology. He was reader in biochemistry in London University until 1920. From that date he occupied no official post. He did much research in brain chemistry, collaborating with Locke in investigations on the consumption of glucose by mammalian heart muscle. He also worked on the isolation of spermine phosphate from mammalian fluids and (with Webster) on the irradiation of ergosterol to produce vitamin D<sub>2</sub>. In 1932 Rosenheim and Dr. Harold King formulated a new ring structure for sterols. Dr. Rosenheim was elected to the Royal Society in 1917 for his work on brain chemistry.

## PERSONALITIES

**MR. D. D. OGILVIE, B.Sc., M.R.C.V.S.,** who has been appointed manager of the pharmaceutical and agricultural interests in America of Imperial Chemical Industries, Ltd., is a native of Edinburgh and was educated at George Heriot's College, Edinburgh University, and the Royal (Dick) Veterinary College. He joined I.C.I., Ltd., in 1943 as head of the veterinary department of the company's pharmaceutical division in Manchester, and in 1948 was appointed a director of their agricultural division in London. He has travelled extensively both on behalf of his own company and at the request of overseas governments. He is leaving for New York on July 28.

**MR. J. H. TAYLOR, M.R.C.V.S.,** who has been appointed veterinary advisor at Lederle Laboratories Division, Cyanamid Products, Ltd. (C. & D., May 14, p. 530) left the Royal Veterinary College, London, in 1951 and entered general veterinary practice at Lewes, Sussex. At the end of 1951 he joined the Agricultural Research Council and took a year's post-graduate training course at the Council's field station, Compton, Berks. He was then appointed to the staff of the field station as scientific officer. Mr. Taylor has been engaged in trials with antibiotic feed supplements since March 1952.



## BUSINESS CHANGES

**OVERSEAS BUYERS, LTD.,** have removed to Monotype House, Fetter Lane, London, E.C.4 (telephone: Central 0701).

**F. WIDOCKS & CO., LTD.,** are removing to 23 Wellesley Road, Croydon (telephone: Croydon 6806), on May 23.

**MR. R. J. McBRIDE, M.P.S.,** has acquired the pharmacy of McNaughton & Buick, 27 Princes Street, Port Glasgow, and is to trade under his own name.

The businesses of R. L. Shirley & Co., Ltd., and Warbey & Son, Ltd., 43 Christchurch Road, London, S.W.19, were amalgamated on May 1. They are to trade as the Shirley & Warbey Box Co., Ltd.

**GUERLAIN, LTD.,** Aintree Road, Perivale, Middlesex, have opened a West End salon at 14 Grafton Street, London, W.1. The salon is being used as an information and training centre to the trade. It is not open to the public.

## Appointments

**PAINES & BYRNE, LTD.,** Perivale, Greenford, Middlesex, have appointed Mr. V. Mannion an additional medical representative in the Liverpool area.

## COMPANY NEWS

Previous year's figures in parentheses

**HICKSON & WELCH (HOLDINGS), LTD.**—An interim ordinary dividend of 4 per cent., less tax (against 3½ per cent. on lower capital), is declared.

**GREEFF - CHEMICALS HOLDINGS, LTD.**—A final dividend on the ordinary capital of 13½ per cent., less tax, is recommended, making a total dividend for 1954 of 17½ per cent., less tax. Group profit, before tax, is £134,916 (£86,416); taxation, £68,910 (£43,102); to general reserve, £22,000 (£12,000); balance for year, £44,006 (£31,314).

**THE BRITISH DRUG HOUSES, LTD.**—The directors' statement with accounts for 1954 states that 44 per cent. of the company's consolidated sales were in overseas markets. The subsidiaries in Australia, Canada, New Zealand and South Africa were responsible for 27 per cent. of those sales. Sales of medicinal chemicals in the home market were virtually the same as in 1953. The Poole factory made steady progress, particularly in the supply of bulk chemicals to industry. (Accounts are as published; see C. & D., April 30, p. 472).

## NEW COMPANIES

P.C. = Private Company; R.O. = Registered Office.

**M. L. WATTS (CHEMISTS), LTD.** (P.C.)—Capital £100. To carry on the business of manufacturing and general chemists, etc. Directors: May L. V. Watts and Pamela J. Watts. R.O.: 17 Bear Street, Barnstaple, Devon.

**W. G. A. HARRIES, LTD. (P.C.)**—Capital £1,000. To carry on the business of chemists and druggists, etc. Chairman: William G. A. Harries, 155B Kensington High Street, London.

**G. W. HALES, LTD. (P.C.)**—Capital £15,000. To acquire the business of a chemist and druggist carried on as G. W. Hales, etc. Directors: George W. Hales, M.P.S., and Millicent I. Hales, 36 Constable Road, Ipswich.

**JACK RIDER BUTLER, LTD. (P.C.)**—Capital £2,000. To acquire the business of a chemist carried on as J. R. Butler, etc. Directors: May E. Butler, John Hayall, M.P.S., Eileen J. Butler and Walter Stewart. R.O.: 124 Blackfriars Road, Salford.

**CLEVERLY (CHEMISTS), LTD. (P.C.)**—Capital £10,000. To carry on the business of wholesale or retail chemists, etc. Directors: William A. Cleverly, M.P.S., Hylda G. Cleverly and Leslie F. Cleverly. R.O.: 83 Winchcombe Street, Cheltenham, Glos.

**HONEYWILL-ATLAS, LTD. (P.C.)**—Capital £10,000. To carry on the business of factors, merchants and exporters of all chemicals and chemical products, etc. Subscribers: J. Gilderdale and Derick R. Martin. R.O.: 21 St. James Square, London, S.W.1.

**HUNTERS (WIGAN), LTD. (P.C.)**—Capital £10,000. To carry on the business of manufacturing, dispensing and analytical chemists, opticians, etc. Directors: Alfred H. Hunter, Oliver B. Hunter and Geoffrey L. Hunter. R.O.: 44 Market Place, Wigan, Lancs.



## AMERICAN PRIZE-WINNING PACKS

### Awards in medicinal and cosmetic classes

In the 1955 folding carton competition sponsored by the Folding Paper Box Association of America, there were 6,782 entries, an increase of 8 per cent. over 1954. The remarks given below came from the judges.

#### First Change in Sixty Years

Bromo Seltzer's new package design—the first in sixty-eight years—retains the familiar blue colour for consumer recognition and also features three different horizontal and vertical display panels for easy self-identification in retail outlets. The new cartons emphasise brand identification and use a photographic illustration of the bottle instead of a line drawing. In-

redient and dosage type-matter, formerly printed on two panels, is only on one panel of the new package—thus providing an additional panel for display purposes.

In addition to gaining top award in the "cosmetics" category the family of "Old Spice" cartons also won a merit award for multicolour letterpress and printing. The cartons achieve the ultimate in striking design and colour . . . feminine, sophisticated, and unique without being extreme in any direction. To protect the appearance of the carton—as well as its contents—the outside liner is water-proof.

In the hot competition among cosmetic manufacturers, new and volume-

producing ideas are always at a premium. An outstanding example of good merchandising is represented by the Handy Pandy Jergens lotion display. Development of the plastic "squeeze bottle," the display, and the individual cartons were all considered simultaneously. As a result, the entire unit—with its appealing circus-motif design—is a "shopper-stopper" both in the adult and juvenile categories. The bottle is ingeniously fixed into individual cartons by interlocking tabs.

The carrier for two cans of Mennen foam shave stimulates "impulse" sales of this every-day product as a gift item. A special locking device prevents the cans from shaking out and also guards against pilferage. The rigid construction of the carrier offers excellent protection of the product while undergoing dispatch and carriage.

The Prince Matchabelli "Cologne cruise" package is actually four cartons in one holding four containers of various cologne scents. Unusual construction and colourful design make the carton an outstanding item of display.

## PHOTO FAIR

### First in Britain for a quarter-century

SHORTLY after 11 a.m. on May 16 the Marquess of Ely opened the first post-war Photo Fair to be held in Britain. It is something like twenty-five years since the previous fair was held in this country. The new Fair is the culmination of five years' hopes and two years' active planning. It closes on May 21.

The first day, until 4 p.m., was reserved for dealers and professionals. Even so, the hall was thronged with people who showed keen interest in the glittering array of equipment and accessories, almost bewildering in their variety. Of course, not all the equipment shown is yet freely available. Import quotas and the dollar situation put the more expensive equipment out of range of all but buyers with special claims for priority.

But it is with items of particular interest to the average chemist and photographic dealer that these notes are concerned. They are, accordingly, confined to items which he is likely to take into stock.

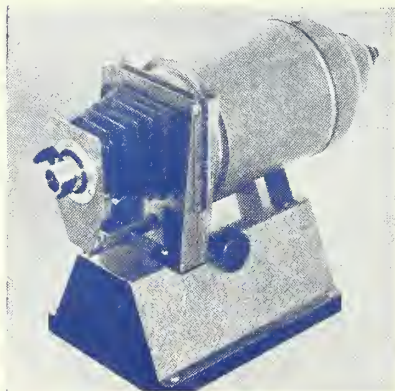
#### Recruiting the Tyro

Come, then, first to the JOHNSONS OF HENDON, LTD., exhibit on the dais of the New Horticultural Hall, London, S.W.1. Messrs. Johnson have always pursued the policy of recruiting new amateurs—particularly among young people. They have tried to make photography as simple as possible for the tyro, while encouraging him to do his own processing up to the print stage. Following that policy, they launched at the Fair an idea that must surely help the dealer: the Print-a-Snap pack. The pack consists of a wallet containing a packet of the new Johnson contact printing paper (sixteen sheets  $2\frac{1}{2} \times 3\frac{1}{2}$  in. or twenty-four sheets  $2\frac{1}{2} \times 2\frac{1}{2}$  in.); a simple printing frame; a supply of chemicals; and full yet simple directions for use. The wallet subsequently serves as a container for the prints made. Possibly no better way of stimulating a deeper and more lasting interest in photography could be devised than to put into the hands of a prospective customer (and at the trifling outlay of 3s.), the means of actually making prints—a process he (or she) has probably thought quite beyond his (or her) capabilities. Where the beginner goes from there is largely influenced by the encouragement he receives from his dealer. The way is open for the sale, not only of paper and chemicals, but of a better printing frame or perhaps a printing box, dishes, measures and other items as progress is made.

An announcement of outstanding interest to the smaller dealer was that a "half-length" Pakolor film (120 size only) is being introduced. The slogan used at the Fair was "You can snap the lot in a week-end." That is news enough, but there has also been introduced an En-print service by which prints  $3\frac{1}{2}$  in. square or  $3\frac{1}{2} \times 4\frac{1}{2}$  in. (according to the shape of the negative) are made for 3s. 6d. each, with the film developed free if En-prints are

ordered when it is handed in. A half-length film used in a  $2\frac{1}{4}$  in. square camera can thus result in six  $3\frac{1}{2}$ -in. square colour prints for 28s. 9d. (8d. 8d. film and 21s. for six prints), with the advantage to the dealer that the customer pays three visits to the shop and makes payment in two stages. The wide range of equipment and accessories distributed by Johnson was, of course, also displayed, with explanatory material where applicable.

In the front row of the stands on the ground floor facing the dais was the stand of GNOME PHOTOGRAPHIC PRODUCTS, LTD. Enlargers were most in evidence there and a darkroom on the stand enabled visitors to see them under operating conditions. Two recent additions which will appeal particularly to the chemist-dealer were the Pilot, which has been introduced since the *C. & D.* review of enlargers was published (*C. & D.*, March 12), and the Gamma which was there described. The Pilot is an advance on the com-

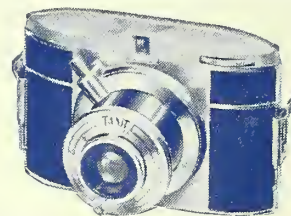


Pilot enlarger (Gnome Photographic Products, Ltd.).

pany's earlier Minor, introduced just over a year ago. It is also primarily a horizontal instrument, but can readily be adapted for vertical working by affixing it by suitable means to a wall or by use of the special adaptor column supplied by the makers. It has bellows extension, controlled by a smooth friction drive and takes negatives from 35 mm. to  $2\frac{1}{4} \times 3\frac{1}{4}$  in. With a condenser and 3-in. f/6.3 Wicon lens, it is priced at £9 1s. 7d. (including purchase tax).

On the stands of NEVILLE BROWN & CO., LTD., was a wide range of equipment and accessories from the majestic Hasselblad camera to lens brushes and other inexpensive but worth-while sundries. There was an addition to the Ferrania series of cameras: the Tanit, a smart little camera taking No. 127 film, on which it makes sixteen exposures,  $3 \times 4$  cm. ( $1\frac{1}{4} \times 1\frac{1}{2}$  in.). The body is die-cast in aluminium alloy with head and back of duralumin. It has a covering of morocco-grained material. The lens has an aperture of f/9, and focuses from 5 ft. to infinity. A time and instantaneous shutter is fitted with plunger type release and bright optical direct-vision viewfinder.

Measuring  $4\frac{1}{2} \times 3 \times 2\frac{1}{4}$  in. and weighing only 9 oz., the Tanit is a reliable but



Ferrania Tanit camera (Neville Brown & Co., Ltd.).

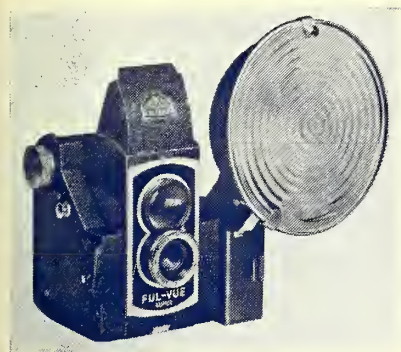
simple snapshot camera and may be expected to sell well at 67s. 6d. (ever-ready case, 16s. 6d.).

J. J. SILBER, LTD., were showing their ever-growing range of equipment. Flash guns are a forte with them and they have a new camera in the medium-price range (£9 9s.). It is a  $2\frac{1}{4}$ -in. square folding camera, self-erecting and of neat appearance. Fitted with a three-element f/5.6 colour-corrected anastigmat lens in a three-speed Vario flash-synchronised shutter, it is a camera suitable for the amateur who is graduating from the snapshotter stage and requires a more adaptable instrument.

Stockists of the products of the PULLIN OPTICAL CO., LTD., will have recently received the company's new catalogue. A particularly interesting exhibit on the company's stand was a large true-scale working model of a Gauthier shutter about 2 ft. in diameter and having transparent cover plates. For camera owners to see the intricacies of the modern shutter would perhaps lead them to regard it with more respect. Messrs. Pullin were showing also their extensive range of tripods on display fittings of special interest to the retailer because they consist essentially of pedestals with large domed caps from which tripods can be suspended—a happy solution of the difficult problem of showing tripods. Another item of particular interest to pharmacists, or their student staffs, was the C.O.I.L. compound pocket microscope. Resembling a fountain pen with pocket clip, the "nib" end has a three-prong sliding distance-piece which sets the distance between object-glass and specimen. The instrument is stated to give a  $\times 25$  magnification. The retail price is 12s. 6d.

ACTINA, LTD., were showing their range of equipment and accessories, cine and still. A new item of interest was what is described as the first animated film viewer for all three widths of cine film: 8, 9.5 and 16 mm. Of French manufacture, it sells at around £30. To assist the dealer to stock and display filters, the company is issuing a glass-fronted display box to contain a selection of popular sizes.

ROSS ENSIGN, LTD., were displaying the Ful-Vue with its new capacitor flash gun with a diffuser-cum-guard for which the Photographic Dealers' Association has campaigned as a safety measure. The gun will considerably



Ensign Ful-Vue camera with capacitor flash gun (Ross Ensign, Ltd.).

lengthen the "working hours" of the Ful-Vue. Also on show was the company's range of folding cameras—the Snapper at £5 10s. 8d., the Clubman at £12 8s. 6d., the Selfix quartet at prices from £16 8s. to £28 9s. 9d. and a new Autorange, the 820, which made its *début* at the show. Although it may be outside the average chemist-dealer's normal stock, the 820 is of interest in that it is a fine British-made camera with a coupled rangefinder combined with its Albada-type viewfinder. The focusing movement is of entirely new design obviating the necessity for front-cell focusing—the normal practice on folding cameras of its type. The lens is a new Ross Xpress, specially computed for colour, with a focal length of 105 mm. and a maximum aperture of f/3.8. By internal masks it makes eight or twelve pictures on No. 120 or No. 620 roll film. It is priced at £50 7s.

Other beautifully made cameras in the medium price range were to be seen on the stand of G.B. EQUIPMENT, LTD. They included the Kershaw 110 and new Kershaw 630. Both are self-erecting folding models. The more elaborate 630 has an f/6.3 anastigmat



Kershaw 630 folding pocket camera (G.B. Equipment, Ltd.).

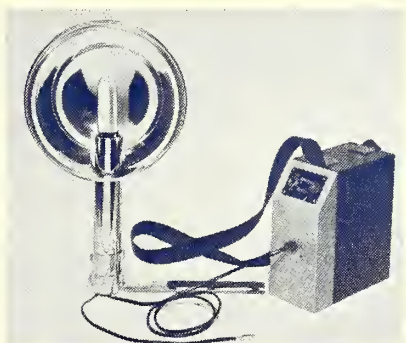
in three-speed Vario shutter, flash-synchronised. It incorporates an ingenious and efficient baseboard shutter-release capable of eliminating "camera shake" if operated carefully. A short section of the right-hand edge of the baseboard is hinged, and gentle pressure, counter-balanced by the fingers on the opposite edge, serves to trip the release. Complete in leather ever-ready case, the camera sells at under £10.

For dealers who are planning to develop amateur cine sales, the new

GB-Bell & Howell 8-mm. camera and projector are more than interesting. Beautifully made and finished to the high standards applied to the larger GB-Bell & Howell equipment, their prices appear to have been kept to a minimum consistent with quality.

PHOTAX, LTD., had representative items from their range. Two of special interest were a new enlarger for negatives up to 2½ x 3¼ in. It has a large roomy lamphouse, spring-loaded, non-scratch negative carrier, bellows extension with smooth-friction drive, and roomy baseboard. Provision is made for adding condensers that do not require the conventional mount. With diffusing screen and without lens the enlarger retails at around £13. An attractive printing box, selling at about 30s., was also noticed. It has a split-pressure platen which makes it easier to operate than the Dainty, which has been a popular Photax line for several years.

Flash bulbs and equipment were well in evidence. GENERAL ELECTRIC CO., LTD., and PHILIPS ELECTRICAL, LTD., were featuring the recently introduced capless bulbs, and Messrs. Philips were showing advance specimens of a blue-filtered version that will sell at 10d. each and be available towards the end of May. The stand of HATHERLEY PHOTOGRAPHICS, LTD., was a glittering array of electronic flash equipment from the humble Supreme to a giant 1,000-joule professional outfit. A new item was the Winston Master, a 55-joule outfit with similar head



Winston Master electronic flash outfit (Hatherley Photographics, Ltd.).

to the Controlite but about four times as powerful. The power pack is contained in a two-tone metal case, and is powered by three 90-volt dry batteries. The makers apply guide numbers of 150 for high-speed panchromatic film and 16 for daylight colour materials. The outfit is to retail at less than £15.

On the stand of R. F. HUNTER, LTD., was shown a developing tank with some very interesting features, principal among which was the provision for completely draining the spiral from time to time by what is termed "inversion agitation." The body of the tank is about twice as high as the spiral, so that, by inverting the tank, the lid of which is made light-tight for the purpose, the user gets a real change of developer in contact with the film surfaces. The tank rapidly fills and empties from the central open-



Paterson Major II developing tank (R. F. Hunter, Ltd.).

ing. It takes films from 35 mm. to No. 120. The spiral, like that in the Paterson Major, is transparent (for colour processing) and self-loading. Known as the Paterson Major II, it sells at 30s.

Among items with specialised applications or novelty value, there was the Kolpofor attachment for use in surgical photography. Shown by K. G. CORFIELD, LTD., its purpose is the photography of narrow body cavities.

A "special-duty camera" for close-up photography was exhibited by B.K.D.V., LTD. The front of the camera carries a flashbulb on each side of the lens, the bulbs being fired by a built-in capacitor circuit. Its special feature is an "applicator" consisting of frames on three-legged extensions which not only set the focus position but define the field. Applicators are available for 1:1, 1:2 and 1:4 ratios.

A small 8 mm. cine camera shown compares in size with a packet of twenty cigarettes. It was shown by AMPLION (1932), LTD., who also showed a tiny electronic flash unit with a head rather smaller than a match-box, the power-pack fitting into a can little larger than a 2½-in. x 3¼-in. folding camera case.

AGFA, LTD., showed, among other things, the Agfa Variomat automatic "correct-exposure" enlarging frame. A tumbler switch is pressed down to switch on the Agfa Varioscop enlarger



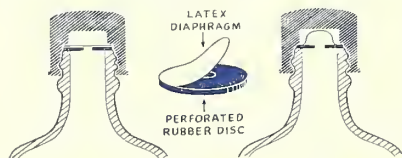
Variomat automatic "correct-exposure" enlarging frame (Agfa, Ltd.).

lamp at reduced voltage, a negative is placed in the enlarger carrier, the picture area is selected, and a sheet of enlarging paper laid in the frame. Then, without reference to any timing device, the exposing button in the frame is pressed. The enlarging lamp switches on and then out again automatically, giving correct exposure.

NORTH STAFFS PHOTOGRAPHIC SERVICES were showing for the first time in Britain the Edixa reflex camera.

## PACKAGING NOTES

**Patented Closure.**—Mr. O. E. Roberts, M.P.S., F.S.M.C. (J. Roberts & Son), The Pharmacy, Penydarren, Merthyr Tydfil, has patented a bottle closure that overcomes a difficulty often encountered with conventional screw caps—namely, that when a rise



in temperature causes the contents to expand the result is leakage between the metal cap and the glass neck. In the patented closure that does not happen. Essentially the device comprises an ordinary rubber disc, perforated at the centre, over which is imposed a thin layer of latex rubber. Normally both are flat, as in the diagram at left. When expansion of liquid takes place, the latex is ballooned up, as in diagram at right, but the liquid remains within the bottle.

**"Sleeve Pack" for Dental Floss.**—High marks for hygiene and handling convenience go to a new presentation in card and Courtauld's cellulose acetate film for dental floss manufactured by James Pearsall & Co., Ltd., who



evolved the carton. The pack consists of a strip of blue card printed in black and folded in rectangular fashion around the reel; and a sleeve of cellulose acetate film which slides firmly over it. The whole is easy to handle, reveals the product and keeps it clean. The acetate film for the sleeve was supplied by British Cellophane, Ltd., 12 Conduit Street, London, W.1.



The new Denman styling brush in black and white with removable head and (right) styling brush and comb in Christmas pack (see C. & D., May p. 503). A. C. Gill & Cleaver, Ltd., Nottingham.

## TRADE NOTES

**Discontinued.**—C. L. Bencard, Ltd., Minerva Road, London, N.W.10, have discontinued issuing Glydexil. Stocks are exhausted.

**One Pack Only.**—Solprin soluble aspirin is now available only in a new 500-tablet pack (fifty units each of ten tablets (in foil)). The makers are Reckitt & Colman, Ltd., Hull.

**Mirror-ended Toothbrush.**—A small mirror incorporated in the handle-end of the Wisdom mirror toothbrush enables the user to inspect the back of the teeth before and after cleaning. The makers are Addis, Ltd., Hertford.

**Demand in Excess of Supply.**—J. W. S. Hislop, Ltd., 50 Fore Street, London, N.18, apologise for delays in supplying Kumfy-kiddy specialities (baby pants and sleeve feeder). Production is being stepped up to cope with the demand.

**Change of Title.**—The product formerly issued under the name Allenburys basic soap by Allen & Hurburys, Ltd., Bethnal Green, London, E.2, is now being issued under the title Allenburys soap. The prices are unchanged.

**Travel-pack Perfume.**—A new-style travel pack introduced by Coty (England), Ltd., 3 Stratford Place, London, W.1, for their Muguet des Bois perfume is here illustrated. The "heart-

shaped" bottle is decorated with a sprig of lily of the valley. The reference number of the pack is 6014/F.

**Easy Terms Plan.**—A simple-to-operate plan for enabling customers for the Remington electric shaver to buy on easy terms has been launched by Remington-Rand, Ltd., shaver division, 26 Kensington High Street, London, W.8. Details of the plan are available from the company.

**Do-it-yourself Adhesive.**—Copydex adhesive, made by Copydex Manufacturing Co., Ltd., at a new factory at 242 Harrow Road, London, W.2, is being advertised for home repairs to upholstery, carpets, curtains, car hoods, toys, etc. It is issued in 2-oz. tube; 4-oz. jar and  $\frac{1}{2}$ -pint tin.

### Bonus Offers

**FASSETT & JOHNSON, LTD.** 86 Clerkenwell Road, London, E.C.1. Five-day deodorant pad and stick. Bonus period extended to end of May.

**RADIOL CHEMICALS, LTD.** 78 Upper Richmond Road, London, S.W.15. Radian products. 5 per cent. display bonus on direct orders value £3.

**DAE HEALTH LABORATORIES, LTD.** 17 Berners Street, London, W.1. Veet hair remover. Thirteen to doz. on minimum order of three doz. small size; fourteen to doz. on minimum order of  $\frac{1}{2}$  doz. large size. In return for counter display.

### Holiday and other Closings

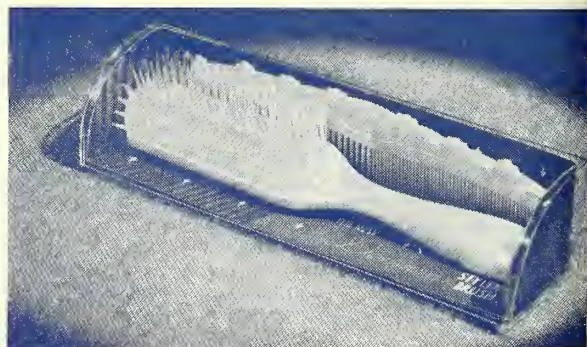
THE following have notified special arrangements for the Whitsun holiday. Most other manufacturers and wholesalers are reopening on Tuesday morning, May 31, after closing at the usual time at the end of the previous week:

The Scottish depôt of Genatosan Ltd. (65 Berkeley Street, Glasgow, C.3) remains open on Whit Monday but will be closed on Monday, May 23.

GLAXO LABORATORIES, LTD., Greenford, will have a skeleton staff on duty on Saturday morning, May 28, to deal with emergency orders.

THORNTON & ROSS, LTD., Linthwaite, Huddersfield, reopen on Wednesday morning, June 1.

The works of BRADLEY & BLISS LTD., London Street, Reading, are closing for annual stocktaking at 4 p.m. on Tuesday, May 31, resuming normal business on Wednesday, June 1.



## NEW PRODUCTS AND PACKS

**Hypotensive and Sedative.**—Bayer Products, Ltd., Neville House, Eden Street, Kingston-on-Thames, Surrey, draw attention to a new Bayer product, Seominal (S.4), which combines the sedative and hypotensive properties of Theominal (theobromine + Luminal) with the additional hypotensive action of reserpine. It is available as tablets in bottles of 100 and 500.

**Blackleg Vaccine.**—Burroughs Wellcome & Co., 183 Euston Road, London, W.C.1, announce the introduction of Wellcome brand improved blackleg vaccine. Prepared by new methods, this aluminium hydroxide adsorbed vaccine, in doses less than half those required with the other preparation, stimulates a more durable immunity in the injected animal. The product is issued in 10-, 20- and 50-c.c. containers.

**A New Hypodermic Needle.**—A new hypodermic needle with a diamond-shaped point and bevelled shaft is being marketed under the name Diapoint by Chas. F. Thackray, Ltd., Park Street, Leeds, and 38 Welbeck Street, London,

W.1. The lip, combined with bevelling of the shaft, has been found ideal for puncturing both the tougher types of tissue, mobile and sclerotic veins; and is unlikely to acquire a "hook" even after considerable use. It makes injecting easier and unusually pain-free, easing the needle's passage through the tissues, and in that way reducing wear



on the point and cutting edges and prolonging the needle's effective life. Special methods of sharpening ensure freedom from slivers or pain-causing roughness. Because the Diapoint causes little pain, a larger-gauge needle may be used than would previously have been desirable; the injection of thick solutions is thus made easier. The Diapoint is rust- and corrosion-proof in normal solutions. It is supplied with long or short surgical points, in various gauges and lengths, and in Luer or Record fittings.

## SCOTTISH EXECUTIVE ELECTION

### A guide to the candidates

THE eleven candidates for election to the Executive of the Scottish Department of the Pharmaceutical Society are:—

#### COWIE, Robert J., Aberdeen.

QUALIFIED 1930. Proprietor pharmacist. Chairman, Aberdeen and North-eastern Scottish Branch, Pharmaceutical Society. A member of the local committee, British Pharmaceutical Conference, 1955. Has been a member of the Executive of the Scottish Department since 1952. A past secretary of the Aberdeen Pharmaceutical Association and at present a member of its business interests committee. A past secretary of the Aberdeen Pharmaceutical Committee.

#### CULBERT, W. Spence, Airdrie.

QUALIFIED 1901. In business for over forty years. A member of the Executive since 1929 and chairman, 1937-39. A former chairman, Glasgow and South-western Scottish Branch of the Society. A former president, Scottish Pharmaceutical Federation and a member of the Pharmaceutical Standing Committee (Scotland).

#### DRUMMOND, C. G., Edinburgh.

QUALIFIED 1925. Proprietor of two pharmacies in Edinburgh. Has served on the Executive since 1944 and chairman, 1947-49. An original member of the Scottish Health Services Council and former chairman, Standing Pharmaceutical Advisory Committee. A former secretary, Edinburgh and South-eastern Scottish Branch of the Society and at present its vice-chairman.

#### GAULD, Alexander, Buckie.

QUALIFIED 1941. During the war was an inspector under the Directorate of Medical Supplies and was mainly concerned with the development of penicillin. After the war took over the business of Mr. W. Robertson, Buckie. Was the first secretary of the Local Pharmaceutical Committee and for some time a member of the Pharmaceutical General Council (Scotland). Secretary of the Moray, Nairn and Banff Branch of the Society.

#### GOODCHILD, J. W., Brightons-by-Falkirk.

QUALIFIED 1932. Proprietor-pharmacist. A member of committee of the Stirling and Central Scottish Branch of the Society since its inception. Is chairman of the local Pharmaceutical Committee and a member of the Pharmaceutical General Council (Scotland) and of its Standing Committee.

#### HENNIGAN, W., Edinburgh.

QUALIFIED 1946. Was president of Heriot-Watt Pharmacy Association and a founder of the British Pharmaceutical Students' Association. Laboratory manager, Raimes Clark & Co., Ltd. A member of committee of the Edinburgh and South-eastern Branch of the Society for two years.

#### JENKINS, Edith M., Dundee.

QUALIFIED 1925 and in business in Dundee since 1927. A former chairman of the Dundee and Eastern Scottish Branch of the Society and a member of the Executive of the Scottish Department since 1952.

#### KEITH, Alfred W., St. Andrews.

QUALIFIED 1923. In 1933 took over the business of the late Mr. J. J. Kirk, St. Andrews, and now also managing director of Miles Leith, Ltd., St. Andrews. A retiring member of the Executive. A member of Fife Pharmaceutical Committee, and of council of Scottish Pharmaceutical Federation.

#### MACONOCHE, M. S., Dundee.

QUALIFIED 1926 and a proprietor pharmacist. Co-opted to the Executive of the Scottish Department 1953. Chairman, Dundee and Eastern Scottish Branch of the Society. Secretary of the Local Pharmaceutical Committee and a member of the Pharmacy Advisory Subcommittee of Dundee Technical College.

#### MONCUR, Douglas A., Edinburgh.

QUALIFIED 1933 and before becoming a proprietor pharmacist in 1944, had experience as a manager with a multiple firm, as a medical representative and in manufacturing and sales management. Chairman of the Local Pharmaceutical Committee, a member of Edinburgh Executive Council, of the council of the Scottish Pharmaceutical Federation and of the committee of the Edinburgh and South-eastern Scottish Branch of the Society.

#### STEWART, William F., Bathgate.

QUALIFIED 1939. Proprietor pharmacist. A member of the Local Pharmaceutical Committee for six years and a former member of the Pharmaceutical General Council (Scotland). Founder-chairman of West Lothian Chemists' Association.



Mr. W. Spence Culbert



Mr. C. G. Drummond



Mr. J. W. Goodchild



Mr. W. Hennigan



Miss E. M. Jenkins



Mr. W. F. Stewart

# PARLEY BENEATH THE HEIGHTS OF ABRAHAM

## Chemists of seven counties confer at Matlock Bath

TO most of the Midlands chemists who went by coach or car to Matlock Bath last Sunday for an area conference of the National Pharmaceutical Union, the end of the journey must have been in quiet contrast to its start. Remote from Sheffield or Scunthorpe, West Bromwich or Stoke-on-Trent—even the “trippers” to nearby caverns and tors and teashops unseen and unheard—the visitors might with some excuse have succumbed to the silence and found controversy quieted too.

Each of the area conferences of the N.P.U. has been held in a cathedral or university city or watering place. None hitherto has had so serene and secluded a setting. A goldfish grotto on one hand, a warm-springs bath on the other; wooded escarpments before and the Heights of Abraham behind—were these the “hideous charms” David Garrick wished not to see again?

But there were no defections. The cut and thrust of argument, challenging the pronouncements of authority, protracted itself beyond the hour appointed to vacate the hall. And some points of importance emerged from the discussions.

Members were welcomed by MR. LEWIS H. TEARE (immediate past-chairman of the N.P.U. and member of the Executive for Western Division 3) who said that his friends in Birmingham and the Black Country had often asked when their turn would come for an area conference. In organising the conference at Matlock Bath the Executive had chosen well.

In his opening address as chairman of the N.P.U. and of the Conference, MR. W. TALVAN REES said that the Executive, which was well aware of the power in members' hands, was only really strong when members gave it their full support.

### C.F. Matters

The first of three main subjects for discussion was introduced by a statement on current C.F. matters by MR. P. D. J. SPAANDERMAN (president of the Federation). An increase of proprietors' interest in C.F., he said, had been a feature of the previous eight or nine months. It had probably been due in the main to a resolution carried by the C.F. council in the autumn of 1954. That had prompted a spate of propositions at the tripartite meeting held in London in January, when a number of resolutions had been passed, mainly demanding more propaganda to the public and to pharmacists. One demand had been for a new C.F. symbol, and the council had approached an advertising specialist to put forward a design that would be self-explanatory. An additional representative had also been engaged to call on northern chemists.

More simultaneous displays had been called for. Displays on the scale of the C.F. fortnight could not be held more often than yearly, but there would be announcements of some form of display two, three or four times a year in the next issue of the Federa-

tion's publication, the *Chemist's Friend*.

The underlying principle of C.F. was that the proper person to sell proprietary medicines was the chemist. A corollary was that, when chemists were asked for their help in launching a new medicinal product, they should have its retail sales reserved to them. Today chemists were up against non-C.F. “big business.” In the United States, said Mr. Spaanderman, pharmacists had lost 54 per cent. of the business in certain previously reserved products, and American methods were tending to gain a hold in this country. Chemists must resist that tendency or lose their proprietary trade. Established C.F. manufacturers, moreover, were apt to become restive when their competitors widened distribution. It was natural that they should expect chemists' support in return for reserved distribution. Members must see that they got it.

### No Help for non-C.F. Products

Three resolutions were tabled on C.F. matters. The first, from North Nottinghamshire Branch, urged strong action by the N.P.U. Executive and C.F. council to discourage chemists from assisting the “pilot” marketing of non-C.F. proprietaries. The resolution was moved by MR. T. HEALEY, Newark, who thought members locally, having little knowledge of manufacturers' plans, should be given guidance from headquarters.

MR. D. A. TODD, Leicester and Leicestershire, pointed out that one new non-C.F. product had been accepted in the protected list of the Proprietary Articles Trade Association. He was told by MR. SPAANDERMAN that that should be regarded as a formality. No medicinal proprietary could be launched without chemists backing.

On the question how to recognise at once whether a new product should be accepted in the pharmacy, MR. R. P. A. BURNS, Retford, was recommended by MR. R. H. KEMP (secretary, C.F.) to put one standard question to the representative: “Is it C.F.?”; and not to accept “chemists only” as an answer. Eligible products were proprietary medicines intended for the prevention, relief or treatment of human ailments. MR. G. M. HOWARD, Derby, suggested the use of the “chain telephone” to secure parallel action from local colleagues. MR. T. HEALEY, winding up the discussion, agreed that chemists should inform central office of efforts by representatives to “place” new non-C.F. products, but still thought that more information should be forthcoming from Queen Square. The resolution was carried *nem. con.*

The second and third resolutions, both from Nottingham and District Branch, dealt with propaganda to the public. The first, moved by MR. W. J. APPLEBY, and carried with one dissentient, called for a showcard explaining to the public what C.F. stands for. Mr. Appleby could not visualise a symbol that would be self-explanatory, yet said that the public needed to know what the letters meant. A card

would save a lot of the time spent in explaining and would eliminate much of what the manufacturers regarded as apathy. MR. J. BLACK, Stafford, did not believe the public was in the least interested in the C.F. symbol; propaganda should concern itself only with representatives. MR. J. PARRY, Burton-on-Trent, contended that the public could be made to put as much confidence in the C.F. mark as they now did in that of the British Institute of Hygiene. Another member said that the symbol was a guide to the chemist himself. The card should say “Your chemist supports C.F. because . . .”

From the platform MR. SPAANDERMAN said it was not true that customers were indifferent to the source and status of proprietary medicines. They were, in fact, “very choosy.” The C.F. symbol could become, like the Good Housekeeping seal, the housewife's choice.

A warning was given by MRS. E. A. BROCKLEHURST that customers might lose faith in the C.F. symbol, just as she had lost faith in the Good Housekeeping seal. The standards committee had, as MR. B. J. BROWNING, Newcastle-under-Lyme, declared, a serious obligation in admitting products to the C.F. list: a guarantee was involved. MR. E. A. BUNTING, Southend-on-Sea (formerly of Derby) entered another caveat. He saw danger in too much publicity for the Chemists Federation, which had been named for possible investigation for allegedly engaging in restrictive practices.

MR. KEMP said that C.F. did stand for something. The committee was most jealous of its standards, which were being applied with growing firmness. They were wider standards than were applied by any other voluntary pharmaceutical organisation in the world.

A number of hands were raised against the final resolution, which was nevertheless carried. Moved by MR. W. O. AYERS, Nottingham, it asked the C.F. council to consider issuing certificates for approved products so that they could be included in packs. The certificate would include, and explain, the C.F. symbol. MR. W. STANIER, Stoke, warned that the C.F. council would have to be most discreet in issuing the certificate, and MR. APPLEBY urged that no certificate should be issued for a product that had not recently been examined by the standards committee. Other warning voices were raised, and MR. R. H. KEMP said that the certificate had been considered and rejected. It would, however, be reconsidered on a strong recommendation from the conference.

### N.P.U. Matters

MR. E. A. BROCKLEHURST (senior vice-president of the N.P.U. and for seventeen years a member of Executive) said, in a statement on National Pharmaceutical Union matters, that it might be timely to secure support from General Election candidates against the passing of proposals that would double rateable



values and hit many businesses hard. Maintaining pharmacies in private hands was a second problem. It was made more acute by lack of apprentices. A scheme was under consideration for ensuring security to the proprietor who had to sell his business. Anyone contemplating selling should consult the National Pharmaceutical Union.

#### Encouraging Entrants to Pharmacy

Two resolutions had to do with apprentices and the continuity of private pharmacists' businesses. Both were from Nottingham Branch. The first urged active steps to encourage a greater number of entrants into private pharmacy "with a view to becoming proprietor pharmacists." Moving it, MR. APPLEBY, Nottingham, deplored that so few proprietors were engaging apprentices. The multiples were recruiting them, training them, and watching over their welfare. Private chemists should take similar action, because "if we do not reproduce ourselves we cannot survive."

From the platform MR. REES pointed out that 10 per cent. of shops were training 90 per cent. of apprentices. The Executive was concerned at the situation and had sent a memorandum to the Pharmaceutical Society's Council on the subject.

MR. BLACK thought that the rewards in pharmacy today were not adequate and should be doubled, and that there should be a gradual limitation of the number of pharmacies. MR. F. R. RYMER, Sheffield, thought that the number of pharmacists should be reduced. The point might then be reached at which a pharmacist could live on his job of dispensing. MR. A. T. RESTALL, Leicestershire, thought that chemists today had enough to do without taking on apprentices, and MRS. BROCKLEHURST described how, by writing to every headmaster and headmistress in Hull she had secured four potential apprentices. The principals of the schools, she added, had appreciated the contacts and information about entry into pharmacy.

The second resolution, also carried, suggested the financing of an Apprentice Training Scheme as an appropriate memorial to the late Mr. G. A. Mallinson.

No discussion but vociferous agreement greeted a resolution that manufacturers should be asked to leave initial samples with pharmacists when introducing new ethical proprietaries to the medical profession.

#### National Health Service Matters

The secretary of the N.P.U. (MR. H. NOBLE) introduced the third main topic of the conference: "Current N.H.S. Matters, including Remuneration." He gave the news that, within the previous few days, the Government actuary had accepted as a basis for inquiry into dispensing costs the 525 usable replies received to the 1,100 questionnaires sent out in a joint probe by the Union and the Ministry of Health. Those replies, he said, were overweighed by information from the multiples. The view of the Ministry was that the absent replies indicated that no ground existed for an increase in remuneration. Discussions were taking place on

the way in which the figures ought to be interpreted.

At least six months might be expected to pass before the discussions would end. Some questions of principle and some other matters were giving rise to difficulties. For example, where a proprietor was working sixty hours or more a week it was unreasonable to treat as profit what he earned during those hours that were in excess of normal. Calculations in the container costs inquiry had been held up by the cumbersomeness of the method the Ministry insisted on using, involving forty-two calculations on each of the 3,800 forms returned. Nevertheless, the results would be ready shortly. The allowance for uncollected levies was also in question. The Public Accounts Committee had criticised the payment of  $\frac{1}{4}$ d. per form without a check on its relation to the facts. An inquiry had given results indicating that one levy in 160 was not collected. On that basis the correct allowance would be 0.075d. per form, and that was the figure suggested by the Ministry. Negotiations were in progress both on its correctness and on the timing of any change.

The Ministry was also seeking a wide extension of the list of bulk-pack proprietary sizes on which prescriptions were normally priced. Everything was being done by the N.P.U. to cut down the number of items listed. Inquiries were being made by the Ministry about buying quantities of non-proprietary drugs. In due time that might react on Drug Tariff buying quantities. The situation governing oxygen-therapy equipment had advanced to the extent of specifications being formulated of what ought to be supplied. A rumoured scale of fees—not yet in the hands of the Central N.H.S. (Chemist Contractors) Committee was completely unacceptable—almost derisory. Full pricing of prescriptions was not yet in sight; 35 per cent. of contractors still on averaging would eventually have their turn of three months' pricing in full. The drug-testing scheme had been affected by tolerances laid down in the 1954 B.P. Codex, but recent amendments had widened those tolerances to correspond with the established basis for tolerances in dispensing.

The first resolution in this section called for publication by the National Pharmaceutical Union of a full and comprehensive guide to the pharmaceutical service of the National Health Service. MR. NOBLE said that the work had been done and was already in galley proof form. The resolution was carried.

The second demanded reconsideration of dispensing fees in view of rising costs. That also was carried.

The third demanded a lessening of the time taken to notify the results of dispensing tests. MR. NOBLE, who said he was surprised to hear of delays as great as six weeks, promised to take the matter up.

A resolution against name-engraved bottles for National Health Service dispensing was carried.

By permission of the chairman, MR. KEMP, Stoke-on-Trent, made a statement about rota payments endangered by contractors who kept open in addition to the pharmacy on the rota.

A motion put by MR. BONAR WILLIAMSON expressing no confidence in the negotiators on remuneration and working arrangements for the supply of surgical appliances was lost.

#### Ladies' Afternoon Excursion

After a morning of snow, hail and storm, the ladies set off from Matlock Bath, in brilliant sunshine to enjoy some of the Derbyshire scenery. The route had been carefully planned to include as large a variety as possible of places of interest and beauty, and the result was a kaleidoscope of bleak moors, wooded hills and valleys, stone villages and churches, winding rivers and ancient bridges. Probably the two most impressive points of the journey were the magnificent view from Monsal Head and the dam at Ladybower with the waters beyond to the Derwent Dam. Here the cities of Leicester and Nottingham, which draw their water supplies from these reservoirs, seemed far away, and the drowned villages beneath the lakes sadly near at hand, with the sight of their old roads running down to the water's edge and the few lonely surviving buildings on higher ground.

The children in the party were thrilled by the exploits of the gliders circling over Wardlow in the path of an oncoming and seemingly purposeful storm and delighted by the antics of the many small lambs on the hillsides. From Ladybower the return journey was via Hathersage, where, following in the steps of Bon Viveur, the ladies enjoyed tea at the "George." From there the route was through Chatsworth Park, where unfortunately a heavy rain storm hid everything from view.

#### N.H.S. STATISTICS

IN BIRMINGHAM during 1954-55, the total cost of the National Health Service was £2,122,961.

IN LANARKSHIRE during 1954-55, the cost of the pharmaceutical services was £644,000.

IN IPSWICH during 1954-55, the total cost of the pharmaceutical services was £104,365, compared with £89,361 in 1953-54.

IN STAFFORDSHIRE during October and November 1954, 647,848 prescriptions were dispensed at a total cost of £131,078.

IN LIVERPOOL from April 1954 to February 1955, the total cost of the National Health Service was £2,072,255. Pharmaceutical services cost £890,569.

IN DONCASTER during 1954-55, the total cost of the National Health Service was £265,865, of which the pharmaceutical services accounted for £103,670.

IN BLACKBURN during 1954-55, 737,117 prescriptions were dispensed at a total cost for ingredients, fees and containers of £179,934. The average total cost per prescription was 4s. 10½d.

IN LONDON during November 1954, 1,719,569 prescriptions were dispensed at a total cost for ingredients, fees and containers of £349,253. The average total cost per prescription was 48.75d.

IN LONDON during December 1954, 1,695,321 prescriptions were dispensed at a total cost for ingredients, fees and containers of £342,814. The average total cost per prescription was 48.53d.

# CANDIDATES FOR PARLIAMENT

Pharmacists, doctors, and drug and chemical trade personalities who are seeking election to the House of Commons on May 26



**Dr. R. F. B. Bennett, M.A., B.M., B.Ch. (Oxon.), L.M.S.S.A.**  
*Conservative, Gosport and Fareham*

A MEMBER of the South-west Metropolitan Regional Hospital Board. Has represented Gosport and Fareham since 1950. He is Parliamentary Private Secretary to the Minister of Fuel and Power and joint hon. secretary of the Parliamentary and Scientific Committee.

JOINED Imperial Chemical Industries, Ltd., as a junior works manager in their Cheshire alkali factories in 1932. Has represented Clitheroe division since 1950.

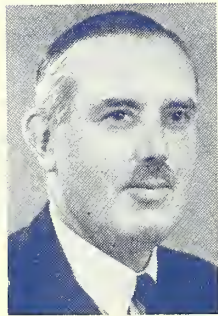


**Sir Ian Fraser, C.H., C.B.E.**

*Conservative, Morecambe and Lonsdale*  
A DIRECTOR of Aspro, Ltd., and of a number of other companies. Sir Ian, who was blinded during the 1914-18 war, represented North St. Pancras, 1924-29, and 1931-36. He was returned for the Lonsdale division of Lancaster in 1940 and was re-elected in 1945. He has represented Morecambe and Lonsdale division since 1950.



represented Shipley since 1950.



**Sir Austin U. M. Hudson, Bart.**

*Conservative, North Lewisham*

DEPUTY chairman of Morgan Bros. (Publishers), Ltd. (Represented East Islington, 1922-23; North Hackney, 1924-45; and North Lewisham, 1950-55. In 1931 was Assistant Conservative Whip; a Lord Commissioner of the Treasury, 1931-35; Parliamentary Secretary to the Ministry of Transport, 1935-39; a Civil Lord of the Admiralty, 1939-42; and Parliamentary Secretary to the Ministry of Fuel and Power, 1945. Was a temporary chairman of the House and a chairman of Standing Committees during the life of the 1951-55 House. Is honorary treasurer of the National Association for the Prevention of Tuberculosis and a governor of Westminster Hospital.

**Sir Hugh Linstead, O.B.E., F.P.S.**

*Conservative, Putney*  
Has been a secretary of the Pharmaceutical Society since 1926, and during the 1939-45 war was secretary of the Central Pharmaceutical War Committee. A member of the Poisons Board and of the Central Health Ser-



Swinton on reform of the Health Service.

**Dr. Francis Reginald Roberts**  
*Conservative, Walsall, North*

A MEMBER of Staffordshire Medical Committee. A member of Staffordshire County Council, chairman of the Brownhill urban district council health committee.



**Colonel M. Stoddart-Scott, O.B.E., M.D.**

*Conservative, Ripon*  
A MEMBER, Parliamentary Standing Committee, N.H.S. Act, 1946. A founder member and the chairman, British Rheumatic Association. Represented Pudsey and Otley, 1945-50. Has represented Ripon since 1950.



**Mr. John Chalmers, M.B.E., F.D.S., R.C.S.**

*Conservative, South Shields*

SECRETARY of the Northern Counties' Branch of the British Dental Association and took part in the preliminary negotiations between the dentists and the Minister of Health on the National Health Service Act.



**Mr. Charles Hill, M.A., M.D.**

*Liberal and Conservative, Luton*

BEFORE being elected as member of Parliament for Luton in 1950 was secretary of the British Medical Association. Is now Postmaster - General and prior to that Parliamentary Secretary to the Ministry of Food.

**Mr. Geoffrey A. N. Hirst**

*Conservative, Shipley*  
Was managing director of Hirst, Brooke & Hirst, Ltd., Leeds, from 1926 until 1950. A Fellow of the Chemical Society. Has



**Mr. Richard Fort**  
*Conservative, Clitheroe*



man of the Parliamentary and Scientific Committee, acting a deputy chairman and vice-president a number of times. He was vice-president of the Royal Society of Arts, 1942-4



**Dr. G. F. Vaughan, M.B., B.S., M.F.P.**

*Conservative, Putney*  
Holds appointment on the house registrar staff of Hospital.

**Mr. D. W. E. Wilson**

*Conservative, Blackpool, North-east*

JOINED the Oxygen Co., Ltd. in 1950, spending working "on the floor," in one of the company's factories. Became in time assistant sales manager and personal assistant to the director and general manager of a subsidiary company.



**Sir Charles Taylor, D.L., M.A.**

*Conservative, Eastbourne*

ASSISTANT managing-director of Cow & Gate, Ltd. Has represented Eastbourne since 1935.



**Dr. Catherine Edith Orr-Ewing**

*Conservative, Birmansley*  
FIRST assistant at the Royal Eye Hospital and school ophthalmologist to Middlesex County Council. In 1950 she lectured at

**Sir W. W. Wakefield, M.P.S.**

*Conservative, St. Marylebone*

QUALIFIED as a pharmacist, 1926. A director of a number of companies, none of them directly connected with the drug trade. Has represented Swindon, 1935-45 and St. Marylebone since 1945. He is immediate past chair-



**Mr. Robert An Wilson, M.P.**  
*Conservative, Blackpool*

IFIED as a phar-  
t in 1954. After  
letting his year's  
graduate training  
s father's phar-  
in Barnsley he  
to John Bell &  
len.

**Mr. Somerville  
ings, M.B., M.S.,  
F.R.C.S.**  
*Labour, Barking*  
represented Bark-  
nce 1945. Mem-  
orth-east Metro-  
Regional Hos-  
Board. Chair-  
Board of Govern-  
Hammersmith,  
London and  
ark's Hospitals.  
man, Hospitals  
Medical Services  
nittee, London  
Council.  
4. Chairman.  
, 1944-45.

**Bernard Homa,  
C.S., L.R.C.P.**  
*Labour, Hendon*  
*South*  
ER pharmacy  
nmittee, Lon-  
anel Committee,  
34. Member

London County Coun-  
cil, 1934-55. Member  
of, among others, the  
Hospital and Medical



Services Committee  
of the Council. Chair-  
man for three years.  
Divisional Health  
Committee No. 4.

**Dr. Douglas Poirier,  
M.R.C.S., L.R.C.P.**

*Labour, Louth*  
IN general practice at  
Winchester, nr. Scun-  
thorpe since 1948.  
Member. Lindsey  
county council since



1949. Member execu-  
tive committee, Scun-  
thorpe Division, Brit-  
ish Medical Associa-  
tion.

**Mr. M. J. Sewell,  
M.P.S.**

*Labour, Heeley,  
Sheffield*

QUALIFIED as a phar-  
macist 1922. Founder  
director and secretary,  
Jenners (Chemists),  
Ltd., 1926-46. Mem-  
ber No. 2 Sheffield  
Hospital Management  
Committee. Chair-  
man, works and en-  
gineering committee.



Sheffield City Council,  
1952. Re-elected, 1955.

**Sir Frederick Messer  
Labour and Co-op,  
Tottenham**

CHAIRMAN, Central  
Health Services Coun-  
cil. Represented South  
Tottenham, 1929-31  
and 1935-50. Former  
chairman, North-west  
Metropolitan Regional  
Hospital Board.

**Dr. B. Stross, M.Sc.,  
M.B., B.Ch.**  
*Labour, Stoke-on-  
Trent Central*

HAS represented Han-  
ley division of Stoke-  
on-Trent, 1945-50;  
and Central division  
since 1950.

**Dr. Edith Summer-  
skill, M.R.C.S.,  
L.R.C.P.**

*Labour, Warrington*  
PARLIAMENTARY Secre-  
tary, Ministry of  
Food, 1945-50. Mini-  
ster of National In-  
surance, 1950-51.  
Represented West Ful-  
ham from 1938.



**Mr. Arnold E.  
Bender, B.Sc., Ph.D.**

*Liberal, Ealing North*  
Head of Research  
Department, Bovril,  
Ltd.; part-time lec-  
turer, Acton Techni-  
cal College and on  
the extra-mural panel  
of lecturers, London  
University.



**Miss Barbara Burwell,  
B.Sc.**

*Liberal, Bath*

RESEARCH chemist  
with J. Lyons & Co.,  
Ltd., Fellow of  
Chemical Society.

## POINTS FROM PARTY POLICIES

Following brief extracts are taken from  
election manifestos of the Conservative,  
Labour and Liberal parties. They deal with  
parties' programmes for health, indus-  
try and commerce.

### Conservative Party

The Conservative Party intends to make  
export trade a first charge upon the  
country's resources. The Party would en-  
courage co-partnership and profit-sharing  
schemes where they are suitable and de-  
sirable. It intends to promote the welfare of  
the working population with the aid of the  
fully established Industrial Health Ad-  
visory Committee. Legislation is promised  
to improve the conditions for other work-  
ing men including those in offices and shops.  
The Party is strongly opposed to any fur-  
ther measure of nationalisation, but  
believes that private enterprise should be  
free from any reproach of harmful restric-  
tions. In the health field it will  
make special arrangements to replace worn-  
out obsolete hospital plant and equip-  
ment. Prevention is to be given priority  
over cure. Free wigs or free aspirins. . . ."

### Labour Party

The Labour Party proposes to strengthen  
the welfare state by planning the nation's  
resources to increase production. Claims  
for investment and modernisation will come  
under a taxation policy used to help pro-  
mote investment. Sections of the chemi-  
cal industry will be brought into public  
ownership, and where necessary new pub-  
lic enterprises will be started. All health  
charges, including those on prescrip-  
tions, will be abolished. Adequate  
services will be made available for medical  
research, and in particular into cancer and  
leukaemia.

The supplementary pamphlet The Labour  
Party promises a strengthened monopolies  
legislation and legislation prohibiting the  
fixing of common or ring prices and res-  
trictions of new entrants into both manu-  
facturing and distribution. The coercive  
power of trade associations will be broken.  
Boycotts, exclusive dealings, stop  
orders and private judicial procedures

will be made illegal. Discrimination  
against co-operative societies will be  
banned.

### Liberal Party

The Liberal Party puts first the necessity  
of being able to compete with foreign  
manufacturers. It will therefore reduce  
tariffs. It also advocates co-ownership  
schemes as incentives and as the founda-  
tion of industrial peace.

### A Question for Candidates

Over the signature of its president (Mr.  
H. E. Chapman), the Fair Prices Defence  
Committee has sent to every General Elec-  
tion candidate a statement on resale price

maintenance. The essence of the statement  
is that the system allows manufacturers,  
while remaining in competition with one  
another, to enforce fair retail selling prices  
for their products: it is not, therefore, in  
the true sense a "restrictive practice." With  
the memorandum goes a letter asking him  
to sign an undertaking that, before reach-  
ing any decision on proposed legislation  
arising from the Monopolies Commission's  
report, he will receive a deputation from  
constituency or regional representatives of  
the Committee. That method of approach  
was adopted, states the letter, because "we  
feel that this would be a more convenient  
course than for the constituency represen-  
tatives of all the trade organisations con-  
cerned to approach you individually."

## DINNER TO MR. L. J. MORSON

### Fifty years with Thomas Morson & Son, Ltd.

A CELEBRATION dinner to mark the  
completion of fifty years' service with Thom-  
as Morson & Son, Ltd., by its chairman,  
Mr. Leslie Jules Morson, was held in Lon-  
don, on April 30. The dinner was attended  
by the whole of the company's works and  
office staffs, and the wives of many.

MR. H. J. OLDING, who joined the com-  
pany in the same year as Mr. Morson,  
proposed the toast "The Chairman," a man,  
he said, whom he had learned to honour and  
maybe even love but had never feared. The  
toast was supported by MR. P. B. MARTI-  
NEAU, O.B.E. (a director), who said that Mr.  
Morson was respected not only for his busi-  
ness side but for his great understanding of  
the human problem. In his acknowledgment  
of the toast MR. L. J. MORSON said he was  
not going to look back on his fifty years  
but, like the company, to look forward.  
A young and gifted team would keep the  
organisation in the forefront of the industry.

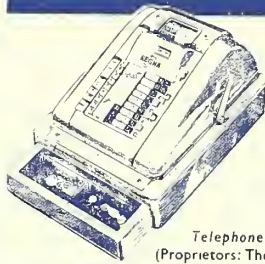
During the evening Miss Sylvia Blake, on  
behalf of the company, presented Mr. Mor-  
son with an antique silver coffee pot (de-  
signed by William Cripps, 1764) and album of  
photographs connected with the company.

Mr. L. J. Morson's main activities until  
the death of his brother, Mr. T. D. Morson,

in 1954, when he became chairman, had  
been in running the company's London  
office and controlling the finances of the  
organisation. His first years were spent in  
the company's laboratories (with Mr. W. H.  
Simmons he published a paper on "Colan-  
lin"). In 1909 he became responsible for  
the sales side. On the outbreak of the 1914-  
18 war he was quick to realise the immense  
possibilities of trade in areas then domi-  
nated by German manufacturers. His fore-  
sight extended the company's export trade  
to all parts of the world.



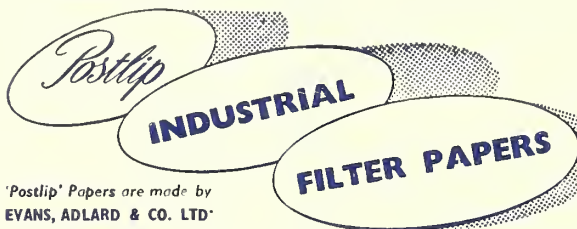
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# The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

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TELEPHONE CENTRAL 6565

TELEGRAMS: "CHEMICUS E STRAND, LONDON"

## Apprenticeship Seen Without Blinkers

DISCERNING members of the Pharmaceutical Society, and especially those who are also members of the National Pharmaceutical Union, will recognise that one issue of far-reaching importance stood out among the subjects discussed at the North Midlands regional conference of the N.P.U. on May 15 (p. 558).

In nature, as one of the speakers pointed out, a species that does not reproduce itself becomes at last extinct. In pharmacy the species "independent proprietor pharmacist" is not at the present time reproducing itself. There are new independent proprietors, of course. A few—too few—have been nurtured within private proprietorship itself. Some are attracted from hospital pharmacy by prospects of higher living standards. Most come from the multiples, who almost alone among retail elements have seen and accepted the need to recruit and train apprentices. They do so, naturally, to maintain their own continuity, and chemists who go on from branch management to private ownership are an overspill from the multiples' supply—or more probably a leakage their managements would prefer to dam. In any case they bring into individual ownership standards and methods that are in a different tradition from those of the private pharmacist. Whether that is a good thing or a bad thing we need not here discuss. The point is that, supposing present tendencies continue, the multiples may easily gain the monopoly of entry into retail pharmacy and from there dictate the destinies of the retail section of the Society's membership.

Can private pharmacists do anything about that state of affairs, and is it desirable that they should? Even those who hold that there are today too many pharmacists, and who would limit the number of entrants, should ponder whether they would relish seeing virtually all of those that do gain entry the trainees of the multiples.

More probably many private chemists dislike the trend, and would like to see it reversed, while considering that, individually, they can do nothing about it. To cope with everyday problems takes them all their time. They have not the requisite margin to devote to training apprentices, or the inclination to tolerate the irritations of supervision; or the resources to spare for a problematical benefit to them as individual employers that may turn out to be sheer altruism if the apprentice shoots off as soon as he has met the requirements for qualification. No private chemist can, off his own bat devise a training system like that operated by the multiples and—as things are—an apprentice-

master is in a sense carrying the responsibilities of his colleagues at large. It is too much to ask him to do without aid and encouragement.

It seems essential, then, that any-one who, in the face of all the obstacles, is prepared to consider taking on an apprentice should be helped by those who are not willing or able to do so. The help might be financial (to provide equipment not needed for the ordinary purposes of the business) or educational (to provide centrally the sort of theoretical instruction and coaching multiples give to their apprentices). There is a tendency to look to the Pharmaceutical Society for postal help of the second kind, though we are not at all sure the N.P.U. itself is not better placed to give it. So far as financial help is concerned there is obviously only one body that can take the initiative. Perhaps an "Apprentice Guarantee" fund may be every bit as necessary as the Business Purchase and Guarantee Fund for perpetuating the private pharmacist. Those who want him perpetuated should certainly look a little more closely into this whole question of trainees.

## Onward from Galen A CURRENT CAUSERIE

IN 1822, at Fort Mackinac, Michigan, U.S.A., an American army surgeon William Beaumont ushered in a new era in knowledge of the physiology of the stomach through his observations on a French-Canadian trapper in whose stomach a gunshot wound created a permanent hole. The *New York Times*, May 6, described a similar opportunity for research that presented itself to doctors in Rochester, New York. A sixteen-months-old baby was admitted to hospital for repair of congenital blockage of the gullet. Before operating the surgeons cut a hole in the abdomen through which the patient could be fed, but which also served as a window enabling them to study the reactions of the infant's stomach to its environment (such as the favourite nurse, favourite doctor, and strangers). Secretion of gastric juice was found to be most active when the baby was annoyed. The suggestion is put forward that ulcer formation in the adult represents a regression to the infantile rage pattern.



ANYONE who has done any indexing knows that it is not always so easy as it looks. What is demanded of the indexer is a sort of prophetic imagination, to judge rightly the key word to which a seeker after knowledge will turn some months later when, maybe, other associated ideas have been forgotten. It is possible to be painstaking and thorough and yet to fail, as Taya Zinkin showed in the *Manchester Guardian* recently when he quoted entries from the quarterly index of the publicity department of the Government of Bombay. From his quotes we give only those under "C":

Chief Minister on co-operation  
 Chief Minister on unstinted co-operation  
 Chief Minister's message "Pledge yourself anew to build prosperous India"  
 Co-operation  
 Co-operation, Chief Minister on  
 Co-operation, Chief Minister on unstinted  
 Correct method for making sugar

The remainder of the "Librarian's Nightmare" it is perhaps most considerate to leave in the back-numbers department of the *Guardian*.



A DISTINGUISHED Danish guest at the dinner given by the Wellcome Foundation to the Carlsberg Foundation of Copenhagen recently (see *C. & D.*, March 19, p. 313) was Professor Niels Bohr, renowned nuclear scientist. Professor Bohr thus met again Mr. Michael Perrin (chairman,

The Wellcome Foundation, Ltd.). During the 1939-45 war, Mr. Perrin was working for the Department of Scientific and Industrial Research as deputy director of Tube Alloys, the title of the organisation responsible for British research into the development of the atomic bomb. Professor Bohr's knowledge and assistance were urgently needed, and Mr. Perrin was largely responsible for smuggling him out of Denmark—an operation involving much roundabout correspondence, the issue of false identity papers to one "Mr. Nicholas Baker" and an exit, first in a rowing-boat and then in a Mosquito aircraft. In 1954 Mr. Perrin visited Copenhagen and met Professor Bohr. Before being engaged on Government atomic research during the war, Mr. Perrin was for over ten years engaged on research which, though primarily concerned with the behaviour of substances under extremely high pressures, resulted in the discovery of polythene.

★

IN London on May 17 on his way back to America from Rome was Dr. Jasper Kane (head of the research and development laboratories of Chas. Pfizer & Co., Inc.). Dr. Kane had been attending a Rome symposium on the use of antibiotics and growth factors in animal nutrition. British scientists who participated included Dr. Margaret Wright, of the Walton Oaks Research Station of Vitamins, Ltd. (and the only woman present), and Dr. J. Duckworth, of the Rowert Research Institute, Aberdeenshire. It is now generally known that antibiotics, hormonal compounds and other growth factors have brought about remarkable increases in the rate of gain of livestock. In America, Terramycin, penicillin and tetracycline (probably in that order)

were thought by Dr. Kane to be the antibiotics principally used in that way. An important percentage of production of antibiotics in the United States was going into animal feed products. On such matters Dr. Kane's guesses have an authoritative air for, since the time during the 1939-45 war when he played an important part in discovering how to mass-produce penicillin, he has been a member of the team that discovered Terramycin and risen to be the vice-president of the company claiming to be the world's largest producers of antibiotics.

Dr. Kane had some information to give on research projects that will be costing his company \$6 millions in 1956. Much promise, he said, was being shown by the antibiotic cycloserine in advanced cases of tuberculosis. The stage had been reached at which material was fairly freely available for clinical studies. "Stress formulations," in which antibiotics were combined with mixed vitamins, were coming into increasing use in the States. As a result, it had been found that there were fewer instances of side reactions of the kind (for example, intestinal upsets) that sometimes follow the administration of antibiotics alone. The research programme also included work on new antihypertensive agents, new cholinergic compounds and new sedatives and hypnotics. News of the commercial launching of at least one new product might be expected in the near future. Against bacterial diseases in plants a mixture of streptomycin and Terramycin to which the name Agromycin had been applied was being used with some success. Nothing in the antibiotic field had yet been found satisfactory against plant fungus diseases, but a new antibiotic appeared useful against soil nematodes, etc.

## PHARMACEUTICAL SOCIETY OF IRELAND

### Monthly Meeting of Council

A MEETING of the Council of the Pharmaceutical Society of Ireland was held in Dublin on May 10, Mr. M. Costello (president) in the chair. Also present were Messrs. P. F. McGrath (vice-president), H. P. Corrigan (treasurer), J. Gleeson, D. J. Kennelly, E. McSweeney, J. A. O'Rourke, T. B. O'Sullivan, F. Loughman, G. C. O'Neill, C. J. Cremen, A. A. Toher, F. J. Robinson, M. Power and T. C. Scott. Mr. James G. Coleman (the registrar) was in attendance. Apologies for absence were received from Messrs. J. J. O'Regan, Cork, P. A. Brady, Dublin, and N. A. McKane, Ballina.

THE PRESIDENT said how glad the Council were to see back at their meetings their official Press representative (Mr. H. G. Smith), following his recent illness. They wished him an early return to full health. He also mentioned the recent marriage of Mr. Archie McKane. He was sure that the members of Council would all be delighted to authorise him to send Mr. and Mrs. McKane their congratulations, and to wish them happiness. Thirdly he referred to the bereavement suffered by Mr. T. C. Scott in the death of his wife. On behalf of the members he tendered to Mr. Scott their deepest sympathy. MR. SCOTT, thanking the president and Council, said that he appreciated their kind sympathy. The death of Mrs. Scott removed a dear wife who had been his partner for forty-seven years.

#### *Unsatisfactory Distribution of Veterinary Product*

Arising out of the minutes of the April meeting (see *C. & D.*, April 23, p. 463) the registrar presented a report on a deputation which met officials of the Department of Agriculture regarding the sale of Aurofac 20. The members of the deputation were the vice-president, Messrs. F. Loughman and Power and the registrar. Mr. Loughman, stated the report, opened the discussion by mentioning that the supply of Aurofac 20 through pharmacists on veterinary prescriptions was unsatisfactory. He had made inquiries from chemists in his area and not one of them had received a veterinary prescription for that white scour remedy. Mr. Power confirmed that chemists in his area had not received pre-

scriptions either. Why, Mr. Power asked, had the Pharmaceutical Society not been consulted prior to such an arrangement? Could the Department justify an arrangement made without the knowledge of pharmacists and involving them in the distribution of the substance? The existing arrangement was a failure in so far as it was impossible for fourteen or fifteen veterinary surgeons in co. Limerick to effect the supply of that remedy in a limited period to a calf population of 30,000 or 40,000. One of the Department officials whom they had met had admitted that the existing arrangement was not satisfactory, and said by way of explanation that restrictions on antibiotics were not directed towards substances with a therapeutic action. The Department had restricted the supply of antibiotics used as feeding factors, since they were not satisfied that the claims made for those substances used in that way were justified. The use of Aurofac 20 as a therapeutic agent was a recent development, and if a chemist wished to sell farmers aureomycin as a cure for white scour he could do so. The Department, that official added, was only concerned at present with restricting the supply of antibiotics that might be used for the manufacture of feeding stuffs. In view of the imminence of the calving season a hasty decision had to be taken by the Department, but it was hoped that improved arrangements could be made before the 1956 season. The deputation, continued the report, then made the points that the Department could have saved chemists embarrassment and annoyance by informing the Society of the arrangements made for the distribution of Aurofac 20, rather than leaving it to a commercial firm to inform them in a circular; and further that the Department was failing in its policy by neglecting to avail itself of the pharmacies as distributing centres, since early administration was an all-important factor in eliminating white scour, and it was not possible for a limited number of veterinary surgeons to cope with the demand. The officials conceded that an approach should have been made to the Society, and suggested that talks between the veterinary and pharmaceutical professions might lead to better co-operation. In the course of the discussions

it was learned by the deputation that provision had been made in the coming Animal Remedies Bill to have pharmaceutical representation on the advisory committee. THE PRESIDENT said he would like to express the Council's thanks to the vice-president and Messrs. Loughman and Power for all they had done by going on that deputation. MR. LOUGHMAN said that there was no real answer to the case the deputation had put forward, and he thought that next year the position would be more favourable for the chemists. They contended that if they could sell these things for human use they should be able to do the same in the case of animals. The deputation served a very useful purpose in clearing the air. MR. POWER said that he was satisfied with the interview. Eventually chemists would be the only means of distributing Aurofac 20 as the veterinary people were not in a position to do it. The whole idea was that the farmers or users should have that preparation in the shortest possible time, and to get that scheme working the Department must have the co-operation of the chemists. THE PRESIDENT said that the deputation were to be complimented in pointing out and stressing to the officials that the Department had slipped up in neglecting to consult the Society.

MR. McGRATH pointed out that it had been effectively impressed upon the Department officials that through the chemists they had a thousand effective distributing points in the State. Apart from the matter of Aurofac 20 there was another important issue, continued Mr. McGrath, and that was the training of chemists to act in an advisory capacity to farmers and others in rural areas with regard to the use of insecticides, and horticultural preparations of all kinds, many of which were sold in an inexpert way by hardware stores and grocers. One large firm of retail chemists in Britain had gone into that matter deeply and had given courses of lectures to their staffs. That firm were prepared to send over lecturers to Ireland to talk to chemists if the Society could give a guarantee that they would be used. At a recent meeting in Roscommon he had mentioned the matter and found the chemists there very enthusiastic.

### Prompt Action Called For

Mr. Kennelly said he would like to endorse and support the scheme suggested by MR. McGRATH. It should be tackled straight away. That type of training had been brought to an advanced stage in Britain, where the Council of the Pharmaceutical Society had given every assistance. It was one of the biggest branches of pharmacy on the Continent, and should be developed in Ireland, since the chemist was the person to advise in such matters. MESSRS. TOHER and O'ROURKE also supported the idea. MR. POWER said the Council should not miss getting the lectures mentioned by Mr. McGrath, but thought that it would be a good idea if a member of the Council went to England to see how such a scheme worked there. Somebody had said that the scheme would be of no interest in the towns, but that was not so. MR. SCOTT suggested that it was a matter in which the Council could have the co-operation of the Irish Drug Association. MR. McGRATH said that now that he knew what the Council thought on this subject he would get things organised as soon as possible.

A report was read on the recent meeting between representatives of the Council and the Irish Chemists' Representative Organisation concerning publicity in the daily Press on a new Pharmacy Bill.

Miss Mary Kerr, Dublin, wrote expressing the thanks of the family of the late Mr. James J. Kerr, for the Council's expression of sympathy in their recent bereavement.

Mr. James F. Cosgrove, L.P.S.I., wrote notifying change of address to c/o G. O'Malley, Ltd., Main Street, Mohill, co. Leitrim.

The House, Law, and Schools Committees' reports were submitted and approved. The examiners reported on the April Licence and Assistants' examinations. The registrar reported the deaths of Messrs. Michael Joseph Keating, L.P.S.I., and Jacob John Carroll Culbert, L.P.S.I.

Mr. John J. Gaynor (law adviser to the Society) was received and presented the Council with the full text of the High Court Judgments in the recent action (see *C. & D.*, April 9, p. 387) together with counsels' opinions on the question of an appeal to the Supreme Court. The matter was debated fully and further discussion deferred to a special meeting of the Council to be summoned for May 17.

### £490 for Benevolent Fund

All members of Council applauded when the registrar presented to the Council a cheque for £490 from the Benevolent Fund dance committee as the proceeds of the dance held in December.

THE PRESIDENT: I think it goes without saying that you wish to have conveyed to the chairman and members of the dance committee the best thanks of the Council for this magnificent cheque (hear, hear). Without the splendid work of the dance committee year after year, it would be impossible for the Fund to give all the assistance it does to the many deserving cases that come before it. The dance committee's big contribution is indeed the backbone of the Fund, and I would like not only the beneficiaries but all our members to realise what an immense amount of good that committee has done. Those of us who attend and enjoy the grand social function the committee organises annually little realise the big sacrifice each member of that committee makes of his time and leisure to produce such a fine result. From early in October the committee is hard at work organising and planning, and we have the result of their generous and unselfish service in this splendid contribution today.

MR. McGRATH associated himself with all the president had said. It was difficult to find words to express the extent of the Council's gratitude and thanks to the dance committee for its great work on behalf of the Fund.

MR. CORRIGAN said that as one directly concerned with the finances of the Fund he would like to add his tribute of thanks. Without the proceeds of the annual dance, the Fund would be in a very unfavourable position indeed to meet many of the deserving and heavy claims made upon it. He wished particularly to express appreciation of those members who sent subscriptions towards the expenses of the dance committee, and to remind members who had overlooked the Fund that subscriptions—however modest—would be heartily welcomed. Next time they were using their cheque book perhaps members would make one out to the Benevolent Fund. The dance committee had given of their best to one of the most meritorious and worth while causes in pharmacy, and long might their splendid work continue (hear, hear).

On the motion of THE PRESIDENT, seconded by MR. CORRIGAN, a hearty vote of thanks was then passed to the dance committee.

The Licence certificates of the following were signed and sealed: Messrs. Morgan F. Broderick, Sean Conway, Cornelius Fleming, Thomas Leo, David Furlong Nunan, Michael O'Donoghue, Jeremiah M. O'Regan, Misses Christina T. Brennan, Mary A. Cadogan, Gertrude Noonan, Mary P. O'Neill, and Brigid B. O'Reilly.

The following were elected members of the Society: Miss Patricia Burke, Mrs. Monica O'Riordan, and Messrs. Robert Costigan and Patrick Anthony Barry. Nominations for membership were passed in respect of Messrs. John J. Donnelly, 27 Copeland Avenue, Clontarf, Dublin; Michael J. Dore, South Quay, Newcastle West, co. Limerick; William C. Minihan, Lisheen, Church Cross, Skibbereen, co. Cork; and Miss Annie J. Tierney, Friar Street, Thurles, co. Tipperary.

At question time MR. LOUGHMAN asked for some information on the new Opticians Bill to be introduced in the Dail, and THE REGISTRAR undertook to bring a copy of the Bill before the Council when it was available.

At a meeting of the Benevolent Fund Committee a number of grants were passed for payment.

# The PIPE-SMOKING MAN

ON SEVENTEENTH  
CENTURY  
ENGLISH DELFT  
DRUG JARS

By AGNES LOTHIAN



1. Lambeth delft posset dated 1653 showing grotesque head. Sold at Sotheby's, April 22, 1952.



ALMOST a quarter of a century has elapsed since Mr. Geoffrey E. Howard first described an early series of English delft drug jars which have, at either end of the cartouche, a grotesque head of a man smoking a pipe.<sup>1</sup> These jars, which date from the Commonwealth period, are believed to be the earliest English tin-enamelled wares to be inscribed with the name of the drug.

It is of interest to note that a similar grotesque appears on a "Lambeth" posset pot dated 1653 (No. 1) and also on a caudle<sup>2</sup> cup illustrated in Hodgkin's *Early English Pottery* with the date 1658.

Posset drinks were much in vogue during the seventeenth century, and large draughts were given as emetics and diaphoretics during the Great Plague. Dr. Nathaniel Hodges, in his account of the Plague in London in 1665, says: "I ordered liberally to drink of a medicated Posset-Drink. . . . The Milk with which this was made, was turned with two Parts of Ale, and one Part of Vinegar, in which had been boiled the Roots of Scorzonera and Butterbur; the Leaves of Baum, Scabius, and Wood-sorrel, the Flowers of Borage and Marygolde; the Raspings of Ivory and Hartshorn, and Carduus and Coriander Seeds."

Our knowledge of the date of this design on English drug jars is at present limited to two specimens—a conserve jar in the British Museum with the date 1652 (2 *a* and *b*) and a syrup pot with spout and handle, dated 1662. The syrup pot s. L V I V L A (Syrupus Lujule or Wood Sorrel), formerly in the T. Murray Ragg collection and now in the possession of Dr. M. H. Caraco, London, W.1, is reproduced in 3 *a* and *b*. Note the use of V for U and I for J often seen on seventeenth-century English delft. This renders s. I V I V B I N, the inscription on a man-smoking-pipe drug jar in the Howard collection, into s. J U J U B I N or Syrup of Jujubes!



2a and 2b. Man-smoking-pipe cartouche on Lambeth drug jar dated 1652. Crown copyright. Courtesy of British Museum.



3a and 3b. Lambeth delft syrup pot dated 1662 showing man-smoking-pipe design. In the possession of Dr. M. H. Caraco, London, W.1.





4. Oil-of-earthworms jar in the possession of Mr. L. G. Matthews. Commonwealth period.



4. Syrup-of-chicory-with-rhubarb pot in the collection of Mr. L. J. Chamberlain, Southsea.



6a and 6b. Scurvygrass-syrup pot clearly showing grotesque head. Courtesy of Mr. G. H. Whitworth, London, W.1.



7a and 7b. Syrup pot with grotesque head, from the collection of Sir Harry Jephcott.

The design when complete usually has a mask or satyr's head underneath the centre of the drug inscription. Heavy scrolls ornament the ends of the carouche, although on small jars the mask and scrolls may be absent (Pil. Ruffi, *C. & D.*, June 24, 1950, p. 805).

A similar mask appears on a massive polychrome armorial Apothecaries' jar, dated 1647, in the museum of the Pharmaceutical Society. The mask, in this instance, is underneath the scroll containing the motto of the Apothecaries' Company.

Although this characteristic decoration is easily recognisable, strange to relate it is more frequently passed by in antique shops than any other English drug jar design. These rare specimens have not only been overlooked by experienced dealers, but to the writer's knowledge have lain for years unidentified on the shelves of private collectors. As recently as 1953 an example was described in the catalogue of a leading auction room as "A Lambeth delft wet drug jar . . . painted in blue with a ribbon label bearing the name of the drug." A London dealer, however, spotted it and wrested it from a rival for the sum of £36.

An example of a Commonwealth oil jar is shown in No. 4, O. LUMBRICORUM. Oil of Lumbrics or Earthworms was prepared by washing "fair large earthworms gathered in May" first in water and then in white wine. After this the *modus operandi* was "to put half a pound of Worms into a double vessel and pour upon them a quart of Oyl of Olives, of White Wine, half a Pound; boyl them till the Wine is evaporated, then strain it through a linnen cloath." According to a contemporary writer—"it comforts the Nerves and is good for pain in the Joynts."

This shape of vessel, which was only used for oils, is less frequently encountered than the globular type on a high foot. Possibly the slippery nature of the contents has contributed to the shortage of these jars!

Syrupus Sceloterbicus (see No. 6 a and b) was not an official syrup, but several recipes are given in *Cochlearia Curiosa; or the Curiosities of Scurvygrass* by Dr. A. V. Molimbrochius. Thomas Sherley, the English translator, writing from his "Study over against the Stockmarket place near Cornhil, at the sign of the Sugar loafe and Tobacco-role, London," describes the preparation of this antiscorbutic syrup from the "purified juice of Scurvygrass, Brooklime and the best Sugar and boiled to that consistence or substance, that a drop being put on Marble will stand, and not flow abroad." This syrup jar was formerly in the collection of the late Dr. J. Curtis Webb, Cheltenham.

The simple syrup of vinegar pot S. ACETOSVS. SIM. (7a and b)



8a and 8b. DIACATHOLICON jar showing Commonwealth and Restoration design. Courtesy of Mr. Valentine Swain, London, W.1. H. 9½ in.

b) from the collection of Sir Harry Jephcott, exemplifies the high collar sometimes seen on mid-seventeenth century Lambeth drug jars. The decoration, which is painted in a bright clear blue, makes a beautiful contrast with the pinkish tones of the glaze. This fine specimen is 8½ in. in height.

Last, but by no means least, is an electuary pot of considerable importance in the history of English drug jar design, as it represents possibly a transitional pattern between the Commonwealth and Restoration periods. This jar, E. DIACATHOL, depicted in No. 8, has surmounting the man-smoking-pipe cartouche the Angel-with-outspread-wings motif seen on Restoration and late seventeenth-century Lambeth drug ware. The glaze of this unusual specimen is whitish broken with pink.

Diacatholon or Catholon was a lenitive electuary made from cassia pulp, tamarinds, senna and rhubarb, etc. Known as the Universal Purge, the formula was included in the London Pharmacopeia until 1721. According to William Salmon: "It cools, loosens and purges very gently Flegm, Choler and Melancholy."

Collectors interested in these early jars and their inscriptions may care to have a note of the following specimens in museum and private collections.

- C. NYMPHEAE—Conserve of water lilies, Ashmolean Museum.  
 C. ANTHOS—Conserve of rosemary, British Museum.  
 DIACATHOL(ICON), H. 6 in, Museum of the Royal College of Surgeons, London, Reproduced in the *Annals of the R.C.S.*, December 1950.  
 DIACODION—Syrup of white poppies, The Wellcome Historical Medical Museum (illustrated in the catalogue of the History of Pharmacy Exhibition, 1951).  
 E.SVCCO TVSSILAG—Cote-foot juice, H. 6½ in. See Plate I of G. E. Howard's *Early English Drug Jars*, 1931.  
 MEL. ROS.—Honey of Roses, H. 9 in, London Museum, reproduced in *THE CHEMIST AND DRUGGIST* Annual Special Issue, 1938, p. 755.  
 P. RUFFI—Ruff's pills, See C. & D., Annual Special Issue, 1950, p. 805.  
 S.DE SYMPHITO with the initial: \* W.S.—Syrup of Comfrey, Collection of the late E. Saville Peck, Illustrated in *M. & B. Med cal Bulletin*, July 1953, p. 28.  
 S.DE STERHADVS (misprint for Syrup of stoechadis or French Lavender). H. 6½ in, Howard Collection, London.

V.DIALTHAEAE COMP.—Compound ointment of marshmallow, H. 7½ in, Museum of the Pharmaceutical Society, London, Reproduced in the *Pharm. J.*, June 5, 1954, p. 471.

S.DE GLYCYRRH—Syrup of Liquorice, H. about 8½ in, Yorkshire (Philosophical) Museum, York.

S.AVRANTIORVM—Syrup of orange, H. about 8 in, *Ibid.*

The colour of the painted decoration of these drug jars varies from pale blue to a dark indigo. No polychrome specimens are recorded.

The initials\* sometimes seen on "Lambeth" drug pots are most likely those of the apothecary for whom the jars were made.

1. Howard, G. E., *Early English Drug Jars*, 1931, Pp. 11-12.
2. Caudle was a warm drink for sick persons.
3. "Lambeth" is a generic term used to denote delftware (tin-enamelled earthenware) made in London at potteries on the Thames-side.

## ECHOES OF THE PAST PALLIATION OR CURE

From *Sylvia Sylvarum*, by Francis Bacon, Viscount St. Albans (tenth edition, London, 1676).

THERE is a secret way of *Cure*, (unpractised) by *Assuetude* of that which in it self hurteth. *Poysons* have been made, by some, Familiar, as hath been said. *Ordinary keepers* of the sick of the *Plague*, are seldom infected. *Enduring of Tortures*, by *custom*, hath been made more easie: The *brooking* of enormous quantity of *Meats*, and so of *Wine*, or *strong drink*, hath been, by *custom*, made to be without *Surfeit* or *Drunkenness*. And generally *Diseases* that are *Chronical*, as *Coughs Phtisicks*, some kind of *Palsies*, *Lunacies*, &c., are most dangerous at the first: Therefore a wise *Physitian* will consider, whether the *Disease* be incurable, or whether the just cure of it be not full of peril: and if he find it to be such, let him resort to *Palliation*, and alleviate the *Symptom* without busying himself too much with the perfect cure: And many times (if the *Patient* be indeed patient) that course will exceed all expectation. Likewise the *Patient* himself may strive, by little and little to overcome the *Symptom* in the Exacerbation, and so, by time, turn suffering into Nature.

## A Chartered Accountant gives answers to ANY BUSINESS QUESTIONS?

*In your April 16 issue, you deal with a question of dilapidations which, being heavy, produced the effect of a nil assessment, but which could not be spread with advantage over a number of years. This has actually been the experience of myself and my wife who run this pharmacy. May I have your advice on two further points? We have a short lease of the house in which we live and have always paid property tax at the standard rate in the £. Can we switch our loss against the assessment? Secondly, the work of dilapidations was spread over a period of months, and we were also forced to delay settlement and pay by instalments over a fairly long period going into more than one financial year. Against what period should the cost be correctly charged?*

If there is an agreed business loss, a claim may be made within one year of the year of assessment to set such loss against other income. Under the lease, where no annual rent is payable, the beneficial occupation of the property is assessable as income on the occupier, and the loss could be utilised against the assessment raised thereon. If there is no adjusted loss but, because the dilapidations cannot be spread over a period of years, an assessment giving a "nil" tax liability only, any reduced rate still available would apply to the assessment of the beneficial occupation, and the taxpayer can obtain an appropriate refund. The date of payment of the costs of dilapidations is not relevant, the material date being the time the bill was incurred. If the latter extended over more than one financial year, the inspector might agree to spread the item over the period of time taken by the work.

*I hold my premises on a repairing lease. If I sold the business and the lease was transferred to the purchasers, would they immediately become responsible for all repairs? If, for some reason (e.g., bankruptcy) the person or firm holding the lease at the time of its determination was unable to meet the cost of repairs considered by the landlords to be necessary, would I or an intermediate tenant be responsible for them? Is there any court procedure by which the liability could be mitigated if it were considered that the landlords were too exacting?*

In replying to your three queries I can deal only with general principles, and you may need to take legal advice on your special circumstances. You do not indicate whether you are the original tenant (lessee) but that is assumed. A lessee holds the lease by virtue of a relationship of contract, and the lessor would, unless otherwise agreed, have the option of taking action against him or any assignee who held the property when any breach of covenant was committed. The principal claim would, of course, be against the assignee, and the position of the lessee would amount to that of a surety. Assignees are frequently required, therefore, to agree to an indemnity against liabilities that might arise after the assignment. An assignee does not hold under the original lease and cannot be liable under an assignment in respect of matters occurring before or after the period of his holding. The obligation to repair, and its extent, are governed by the agreement between the parties and its interpretation. In the case of a difference of opinion, the matter may be submitted for the decision of the Court.

*Later this year, my wife and I will be opening a pharmacy on a Council housing estate. We are both qualified, and my wife will manage the shop while I carry on with my present work as a hospital pharmacist. Will you describe the various ways of setting up the business. For example, would a partnership be more advantageous than a limited company?*

THERE would be three main ways of operating—as a sole trader (with your wife as employee); as a partnership; or as a limited company. There are various aspects to consider under each head. Only those of immediate concern are touched upon.

**NAME:** The title of the business must not conflict with existing names, and the Registrar of Business Names at Bush House, London, W.C.2, will confirm whether the name may or may not be used. It would, in any case, be necessary to register the name you propose (sole trader or partnership). The Registrar will supply the appropriate form, to which a five-shilling stamp must be affixed.

**LIMITED LIABILITY:** A limited company has the advantage of limiting its liability to the extent of the capital of the company. Otherwise, there would be full personal responsibility for all debts incurred. This point assumes importance if large credits from suppliers are involved. Apart from various small stamp fees, printing of the memorandum and articles, etc., formation costs include a capital stamp duty of 10s. per cent. There are certain statutory obligations to file returns to the Registrar of Companies and to keep books.

**TAXATION:** As an employee, your wife would receive the usual allowances and would be subject, if her wage warranted, to P.A.Y.E. If she were a partner, no question of P.A.Y.E. would arise, but her share of profits would be taxable (subject to her allowances). A limited company is assessed to tax on its profits at the standard rate in the £, but the bulk of the profits could be distributed as directors' fees or remuneration and give both of you personal tax allowances as available.

### BRITISH FINE CHEMICALS AND THEIR USES 34. CHROMIC ACID

**C**HROMIC acid is marketed as the commercial; pure crystal; acid solution; and extra-pure B.P. qualities. It is obtained by the decomposition of potassium dichromate with concentrated sulphuric acid and more recently by a number of electrolytic methods. In recent years it has become an important constituent in compositions for protecting steel and zinc surfaces, and in the passivation of other metals. Medicinally, it is an astringent and caustic with antiseptic properties.

It is used for tanning purposes in the leather and tanning trades in place of the ammonium and potassium chromates. For some time it was considered too drastic an oxidising agent for textile printing generally, but has since been utilised for mordanting wool in cold baths. It represents an important reagent in the electrolytic production of dyes, and is employed in the oxidation of anthracene to anthraquinone, the basis of alizarin. The commercial grade is employed to a large extent in the manufacture of galvanic batteries, for other types of cells, and in electroplating baths. The electrolytic regeneration of chromic acid, and other applications of chromic acid in primary cells, have been given much attention. With potassium and ammonium salts the acid is used in process-engraving and lithography; in certain pickling baths; for pickling candle wicks; and for the production of a limited number of chromium salts, including the chromates of cerium and thorium. Despite its powerful oxidising properties, which can cause explosion in contact with certain organic materials, the fact that when used in missiles it left a deposit on gun barrels, etc., materially limited its application in that field.

In the laboratory, chromic acid is used for the determination of carbon, sulphur, and phosphorus, for the separation of baryta and strontium from lime, for making nickel tetroxide, and in rare metal analysis, where the acid is preferred to the alkali salts for more exacting examinations. Chromic acid solutions are employed in various microscopical investigations, particularly for hardening. For that purpose the preparation must be free from sulphuric acid and as pure as possible. Unlike the more popular green sesquioxide of chromium, chromic anhydride is used to only a limited extent in the preparation of art enamels.

The pure salt rarely contains more than traces of sulphuric acid or of potash salts. The commercial varieties appreciable percentages of both sulphates and free sulphuric acid, besides dichromates of sodium and potassium.

# DEBATE ON APPRENTICESHIP

## Pharmacists and students in Glasgow discussion

A RECENT meeting of the Glasgow and South-western Scottish Branch of the Pharmaceutical Society took the form of a debate between pharmacy students and members on apprenticeship. The motion, which was not voted upon, was that the house was in favour of a one-year post-graduate apprenticeship.

### Relic of a Bygone Age

MR. N. M. GARDNER (student, Royal Technical College) speaking in favour of the motion, said that it was strange that in a profession that had developed so much in the past fifty years there should remain a relic of a bygone age, namely the pre-graduate apprenticeship. It had long ceased to form an integral part of the teaching of pharmacy and it was now difficult to find any function that it might fulfil.

The only suitable form of apprenticeship was the post-graduate, but even there, there seemed to be so many anomalies that its usefulness was often suspect. For example, students could serve it under vastly different conditions — in hospital, shop or factory. Yet at the end of the apprenticeship, students were qualified to enter any of those branches with no experience of them whatever. It was difficult to find a happy mean between the income students expected and the pittance offered by employers for the post-graduate year. At present the hospital apprentice received approximately 4s. per hour; the apprentice in retail (who worked longer hours) about 2s. an hour. The well-run and efficient pharmacy did not need an apprentice, but the ever-increasing number of graduates each year must convince the pharmacist that the only solution was to have a graduate as a regular member of his staff. In that way the difficulty of wages and employment could be overcome and the student would feel he was an essential part of the profession and not a luxury.

Supporting the motion, Miss F. JOHNSON (student, Royal Technical College) said that she was in her final year of the degree course and when she graduated she hoped to do a one-year apprenticeship. Where, however, could she serve that apprenticeship? Retail pharmacists were not eager to engage apprentices and when there was a large batch of graduates, the situation became acute. While agreeing with the Society's policy of one-year post-graduate apprenticeship, she thought the Society should provide places for students to carry it out. In some cases, and because of the lack of available places, firms were stipulating that apprentices should agree to stay on for one, two, or even three years after they qualified.

Opposing the motion and putting forward the case for a two-year apprenticeship in pharmacy before the academic course, MR. J. CALDWELL (student, Royal Technical College) referred to the extensive course of study now required and thought that the Society would have to do something about the short time allowed for study,

perhaps by increasing the course by one year. A hospital was the best place in which to serve an apprenticeship, but retail work attracted the majority of students because of the higher salaries offered. It was therefore his opinion that one year's apprenticeship was sufficient if it was taken before the academic course. The first thing to do was to get rid of the Intermediate examination — which would soon be possible if the Scottish Education Department carried out proposed changes in the Higher Leaving Certificate.

### Much to Learn

Supporting the previous speaker, MR. GIRVAN said that he had graduated and he favoured pre-graduate training. There was much to learn in apprenticeship on the purely pharmaceutical side which could not possibly be covered by the academic course. After such training, the student started his dispensing course at college with more experience than other students. In a post-graduate apprenticeship, the student was expected to know many things he did not know, such as the psychology of salesmanship, record-keeping and shop-management. Another advantage of pre-graduate apprenticeship was that a student learned humility and did the job he was told to do, which was a valuable lesson in later life. Under the National Health Service there was a vast amount of dispensing crammed into a year in a busy shop but he did not think it could make up for a two-year period split into different sections on various tasks.

MR. BIRRELL said that the economics of a pharmacy was a first essential if one wished to stay in business at all. It would be interesting to find out what the students considered an economic basis—a good training and little money, or more money and bad training?

MISS FRASER (student, Royal Technical College) thought that pharmacists should realise that although students had not much experience, they had some knowledge and were very much quicker to learn than an assistant coming straight from school.

THE CHAIRMAN said that pharmacists who had accepted students invariably found them quick and apt. The question of wages was not easy. Before the war the National Pharmaceutical Union published a scale for wages but since then apprentices' rates had been left out and pharmacists and apprentices had to bargain privately. Students should realise that the pharmacist was not interested in an apprentice once he qualified for the simple reason that his business would not support a qualified assistant. A longer apprenticeship should make the position easier.

### Whitley Council Agreement

MR. R. MILNE (a member of the Branch) said that there was an agreement laid down by the Whitley Council regarding post-graduate apprenticeships in hospitals. MR. J. STEWART

(a member of the Branch) thought that a student would learn more in a retail pharmacy than a hospital. Any dispensing learned at the college would enable him to go into a hospital and work quite comfortably at dispensing. That could not be done in retail work. After four years' study students wished to be paid good salaries, but the graduate, for all his ability, knowledge and training, had still to learn how to run a retail pharmacy and that required at least one year. He was not worth a great deal until he had acquired that knowledge. MR. R. COUTTS (a student) asked if one were to think that after one year in a retail pharmacy a graduate was capable of running his own establishment?

PROFESSOR J. P. TODD (Royal Technical College) said that if there were to be pharmacists in twenty years' time there must be some method of getting graduates initiated into the business. Of the pharmacies seeking approval to take apprentices in Britain, there were practically no retail pharmacies in ordinary private business. The multiples were sufficiently far-sighted to see that, if they did not take apprentices, they would have no assistants in a few years. It seemed to him that the retail pharmacist had completely ignored that aspect. They, who had earned their living in pharmacy all their lives, had to sacrifice something to ensure that there were pharmacists to follow them. MR. N. M. GARDNER said that male students were asked to serve their country for two years. It seemed ridiculous to study for four years at college, two years in the services and then be offered a pittance for the one-year apprenticeship.

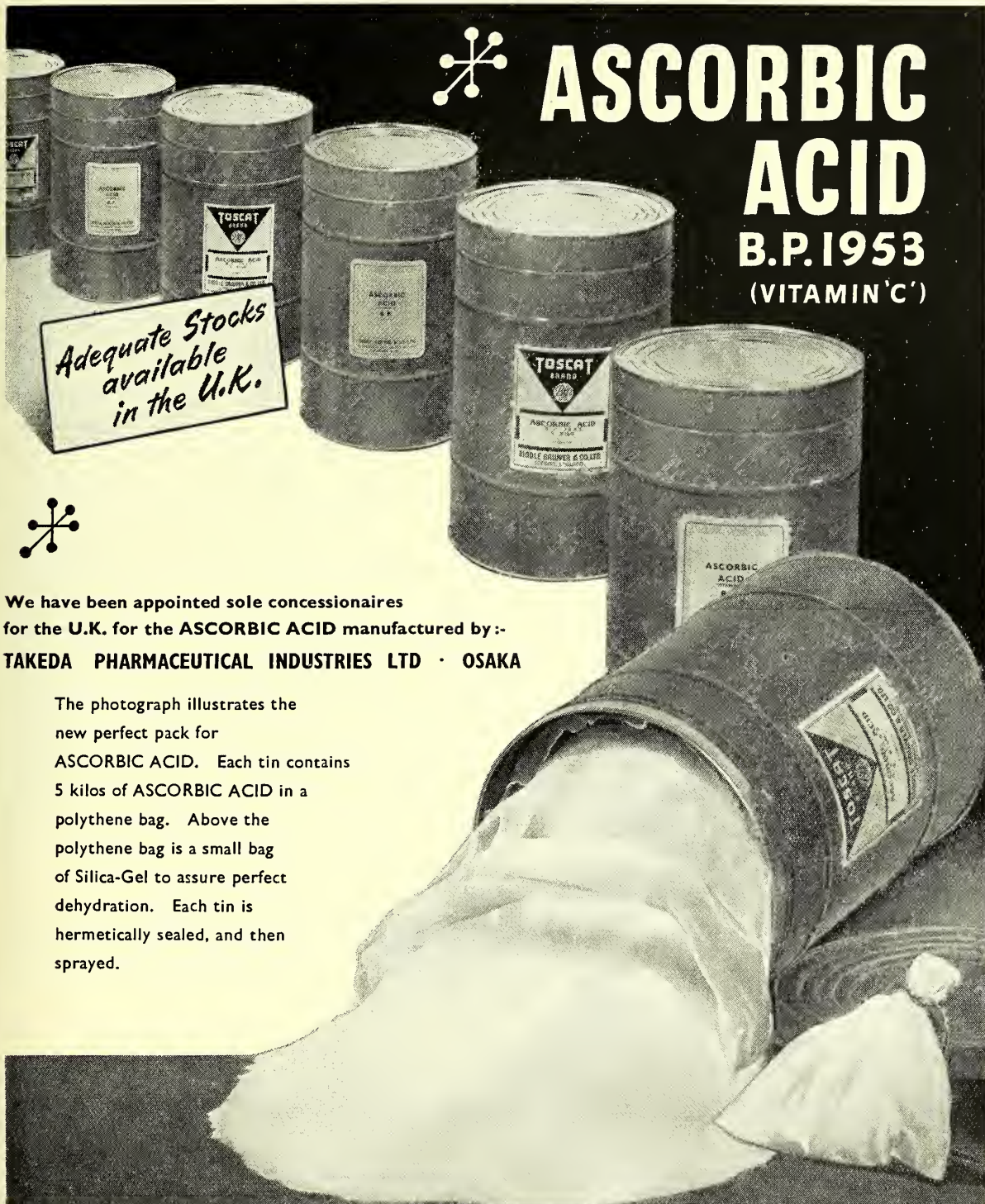
MR. MCCRONE (a member of the Branch) suggested that on reaching the end of the course a student should be asked to sit his theory examinations and that, after his one-year apprenticeship, he should apply for the practical side of the examination.

MR. MACKAY (a member of the Branch) said that with few exceptions, there was not sufficient pharmacy in the retail business today to pay wages to an apprentice. He did not think that one year in a retail shop with the small amount of dispensing done was good training. A longer period was required. Some students thought of their apprenticeship as something that had to be done because the Society demanded it and not to be welcomed for the training they would receive. The Society should make some allowance to the apprentice for his period of training. MR. CHILTERN (a member of the Branch) said that the pre-graduate apprenticeship offered the student a chance to see something of pharmacy before he committed himself to a long academic course. MR. LISTER (a member of the Branch) suggested there should be two forms of apprenticeship, one for students who preferred to go into industry and who would benefit from a longer theoretical course and another for students who preferred retail work.



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**F**reddie Brown, hard-hitting batsman, more-than-useful bowler and inspiring captain, is known to cricketers the world over, from Fenners to Fremantle. Born in Peru, educated at the Leys School and Cambridge University, he played before the War for Surrey. Captained Northamptonshire from 1949 to 1953, the M.C.C. team in Australia and New Zealand, 1950-51, and England versus South Africa, 1951. Lives at Drayton Manor, near Daventry.

## “My Daily Mail” by *FREDDIE BROWN*

**I** HAVE BEEN a constant reader of the Daily Mail for many years. What I like so much about it is that the reports are concise and to the point, and the headings well spaced, so that it is easy to pick out the interesting news.

I suppose most people like myself turn to the sports page first; and here, no matter whether it's racing, football, the pools or cricket, everything is to hand and easy to follow.

Naturally, my particular interest in sport is cricket, and here I would like to congratulate the Daily Mail on the great service it did cricket during the 1953 Australian tour of England, by

obtaining Sir Donald Bradman to report the Test Matches. There is no doubt that his excellent articles gave the public an insight into the game which no other writer could give. Above all, it was a delight to read articles which contained constructive, and not destructive, criticism.

The Daily Mail has set a high standard in its cricket reports. I am sure that the paper will live up to its own example, so that Daily Mail readers will continue to get a fair and true picture of all that takes place in every field of sport.”

# TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, MAY 18: Business in all markets was at routine levels throughout the week. Interest in CRUDE DRUGS appeared to be generally confined to those commodities in tight supply on the spot.

SENNA was quiet with good quality of Alexandrian PODS very difficult to find. Also short are prime No. 1 TINNEVELLY LEAVES but there should be enough of the manufacturing qualities of pods here until the new wet-crop arrives later in the year. The table below shows the export figures for senna and other crude drugs from the port of Tuticorin during April.

	U.K.	U.S.A.	EUROPE
	Tons	Tons	Tons
SENNA LEAVES PODS	—	—	35½
	4½	—	13
	cwt.	cwt.	cwt.
STRAMONIUM	76	—	—
EUPHORBIA HERB	39	300	—
NUX VOMICA	68	—	26
ZEDOARY ROOT	—	—	40
COCCULUS INDICUS	16	—	—

A report from India quotes an official circular as saying that it has been decided to permit export of RAUWOLFIA *Serpentina* by dealers to the extent of 80 per cent. of the proved certified stocks held by them on March 7. Export of *R. Canescens* and other species of *rauwolfia* will also be allowed up to the full certified quantity held by each dealer on that date.

ALOES continued in a firm position, with Prime Cape 2s. 6d. to 5s. dearer for shipment. BUCHU offers for shipment were somewhat difficult to locate. CASSIA BARK was slightly easier both for the whole and broken. African KOLA NUTS continued short on the spot and higher prices were being asked by the few holders now with stocks. SENEGA is in a similar position with spot marked up sixpence per lb. on the week. AGAR is a weak market with the arrival of new-crop material. Trading in white Sarawak PEPPER was somewhat affected on the London market with selling in connection with alleged unlawful dealings in the commodity. The position of CASCARA SAGRADA is confused; high prices are indicated for the new peel but reports on the quantity carried over from last season vary considerably.

In PHARMACEUTICAL CHEMICALS a few IRON salts were dearer from May 16; FERROUS SULPHATE crystals are 46s. 3d. per cwt. compared with 42s. 6d. previously. SILVER NITRATE was dearer at 4s. 4½d. per ounce because of a rise in silver.

The general trend in ESSENTIAL OILS was again in a downward direction. However Madagascar CLOVE-LEAF which has been a weak market over the past month or so, took on a firmer tone at origin with the shipment price up ninepence a lb. but spot holders did not follow the rise all the way, their quotation being only sixpence higher than last week. BOIS DE ROSE was one

shilling per lb. higher for shipment. Lower per lb. were Chinese ANISE (by threepence); Ceylon CITRONELLA (one penny); Chinese PEPPERMINT (one shilling); PATCHOULI (sixpence); and PETIT-GRAIN (2s. 6d.).

## Pharmaceutical Chemicals

AMPHETAMINE.—Prices (per kilo) for 25-kilo lots are as follows:—BASE, 160s.; SULPHATE, 130s.; *d*-Amphetamine, 550s.

AMYLOBARBITONE. — B.P.C. is 65s. per lb. for 1-cwt. lots and SODIUM, B.P.C., 70s. per lb.

ANTIMONY SALTS.—Quotations for POTASSIUM TARTRATE, B.P., are 7s. 6d. per lb. for 1-10 cwt. and SODIUM TARTRATE, B.P. 13s. 3d.

7-DEHYDROCHOLESTEROL, ACTIVATED. — Price is 4d. per million units for less than 1,000 m.u. and 3½d. for 1,000 to 5,000 m.u.

IODIDES. — The current quotations are given below:—

IODIDE	per lb.		Quantity
	s.	d.	
AMMONIUM ...	22	0	28 lb.
ARSENIC TRI- ...	47	6	28 lb.
CADIUM ...	22	6	28 lb.
CALCIUM (PLATES) ...	22	3	28 lb.
ETHYL ...	27	6	28 lb.
LITHIUM ...	29	0	28 lb.
POTASSIUM ...	13	7	1 cwt.
SODIUM ...	16	7	1 cwt.
STRONTIUM ...	23	0	28 lb.
ZINC ...	27	9	7 lb.

IRON SALTS. — SULPHATE, B.P., crystals are 8d. per lb. in 28-lb. lots; 1-cwt., is 46s. 3d. per cwt. and 5-cwt., 43s. 9d. per cwt. Granulated and pea crystals are 2s. 6d. per cwt. more.; SULPHATE, EXSICCATED is 1s. 2d. per lb. for 28-lb., 1 cwt., 103s.; 5-cwt., 99s. per cwt.; 1-cwt. fibre kegs free, other packages extra. PHOSPHATE, SACCHARATED, B.P.C., 28-lb. lots are 3s. 3d. per lb. OXIDE, RED PRECIPITATED, B.P.C., 1-cwt., 1s. 8½d. per lb.; CARBONATE, SACCHARATED, B.P.C., 28-lb., 2s. 8d., 1-cwt., 2s. 5d.

POTASSIUM NITRATE. — Pharmacopoeial quality is 145s. per cwt. (crystal, granular or powder) and commercial, 90s.

POTASSIUM PERMANGANATE. — Rate for B.P. material for 1-cwt. lots is 1s. 9d. per lb., and for technical, 183s. 6d. per cwt.

SODIUM PERBORATE. — Prices (per cwt.) are 142s. 9d. in 1-cwt. kegs; 135s. 3d. in 1-cwt. bags for B.P.C. (minimum 10 per cent. available oxygen). Other strengths pro rata. The PERBORATE MONOHYDRATE testing 15 per cent. available oxygen is 305s. 3d. per cwt.

SODIUM PERCARBONATE.—1-cwt. kegs are about 163s. (bags 7s. 6d. lower) for minimum 12½ per cent. available oxygen.

SODIUM SULPHITE.—1-ton spot lots of ANHYDROUS (48-50 per cent.) are £63 10s. per ton in 1-cwt. drums; CRYSTALS, B.P.C., are £31 per ton in paper-lined bags and the commercial crystals, £25 5s.

SODIUM THIOSULPHATE. — Maker's price for 1-ton lots in paper-lined bags is £34 15s. per ton.

THEOBROMINE. — ALKALOID is 40s. 6d. per lb. and the SODIUM SALICYLATE, 24s. 3d. for 1-cwt. lots.

VITAMIN A.—Supplied in strength of 200,000 international units per gm. the price is 1s. 1d. per million i.u.

VITAMIN D.—In oil, 2 million units per gm. the price is from 2d. to 3d. per m.i.u. as to quantity. Crystalline see under calciferol. D<sub>2</sub> see under 7-dehydrocholesterol, activated.

VITAMIN E (synthetic). — TOCOPHERYL ACETATE, B.P.C., 10 gm. to 100 gm., 1s. 6d. per gm.; 100 gm. to 1 kilo, 1s. 3d. per gm., 1 kilo and under 10 kilos, £60 per kilo. The equivalent rates for racemic α-TOCOPHEROL (unesterified) are 1s. 8d. per gm.; 1s. 5d. per gm. and £66 per kilo respectively.

ZINC CHLORIDE. — B.P.C., cake from 4s. 6d. to 4s. 10d. per lb.; sticks from 5s. 10d. to 6s. 2d. per lb. TECHNICAL, 135s. per cwt.

## Alcohol

PRICES of plain BRITISH SPIRIT per proof gall. are as follows:—

*Ethyl Alcohol*: (95 per cent. Gay Lussac, 66 o.p.); where the number of proof gall. taken over any one year ended December 31 is 300,000 or over the price is 2s. 9d.; 200,000 and less than 300,000, 2s. 9½d.; 100,000 and less than 200,000, 2s. 10d.; 50,000 and less than 100,000, 2s. 10½d.; 10,000 and less than 50,000, 2s. 11d.; 2,500 and less than 10,000, 2s. 11½d. Prices are exclusive of duty and are for tank wagon lots.

The following grades are subject to a premium on the above prices as follows:—

*Absolute Alcohol*, 99.5 per cent., 74.5 o.p., 3d. more per proof gall., the special high strength (99.9 per cent., 75.2 o.p.), 5d. more; *Doubly Rectified Alcohol* (S.V.R.), 95.8 per cent., 68 o.p. is 4d. more and *P.I. Rectified Alcohol*, 96.1 per cent., 68.5 o.p., 8d. more, *R.R. Absolute Alcohol* (re-rectified, 99.7 per cent., 75 o.p.), 12s. 6d. per bulk gall. net.

## Methylated Spirits

METHYLATOR'S rates per gall. in Great Britain are as follows:—

*Industrial methylated spirit*: Strength, 61 o.p., 500 gall. and over in one delivery, 4s. 9½d.; 100 gall. and under 500 gall., 5s. 0½d.; 30 gall. and under 100 gall., 5s. 3½d.; 10 gall. and under 30 gall., 5s. 6½d.; 5 gall. and under 10 gall., 5s. 9½d. Strength 64 o.p., 1d. per gall., 66 o.p. (B.P.), 2d., 68 o.p., 2½d. more than the above rates with 74 o.p. from 4½d. to 9d. more according to quantity. Tank wagon delivery is 1½d. per gall. off list price—minimum, 500 gall. For industrial methylated spirit of standard toilet quality prices are from 5s. 4d. for 500 gall. to 6s. 2½d. for 5-10 gall. of 61 o.p.

*Pyridinised industrial methylated spirit*: Strength 61 o.p., 500 gall. and over, in one delivery, 5s. 0½d.; 100 gall. and under 500 gall., 5s. 3½d.; 30 gall. and under 100 gall., 5s. 6½d.; 10 gall. and under 30 gall., 5s. 9½d.; 5 gall. and under 10 gall., 6s. 0½d. Strength 64 o.p., 1d. per gall. more than foregoing rates.

*Mineralised methylated spirit*: Strength 61 o.p. in one delivery, 100 gall. and under 500 gall., 5s. 5d.; 30 gall. and under 100 gall., 5s. 8d.; 10 gall. and under 30 gall., 5s. 11d.; 5 gall. and under 10 gall., 6s. 2d. Strength 64 o.p., 1d. per gall. more than foregoing rates.

*Methylated resin finish* is 3d. per gall. over and *methylated shellac finish* 1s. per gall. over the prices for pyridinised methylated spirit.

TERMS.—Delivered free and carriage paid on returned empties; net cash one month.

**Crude Drugs**

**AGAR.**—Kobé No. 1 is 13s. 3d. per lb., in bond and 14s. 6d., duty paid. For shipment offers are 11s. 9d., c.i.f. New-crop now landing is quoted at 13s. 6d., in bond and 14s. 9d., duty paid.

**ALOES.**—Prime Cape for shipment is 290s. to 295s., c.i.f. Nominal spot value, 320s. Curaçao is 385s., c.i.f.

**ANISEED (STAR).**—Chinese is 145s. per cwt., in bond and 138s., c.i.f.

**BALSAMS.**—Quotations (per lb.) are:—Canada: spot offers are from 22s. 6d. to 25s. as to holder; no offers for shipment. *Copaiba*, B.P., 10s. 6d. to 11s. 6d.; Para insoluble, 7s. 6d. *Peru* is 11s. 6d., duty paid; forward delivery, 10s., c.i.f. *Tolu* (genuine as imported), 26s. 6d. spot and 26s., c.i.f.; B.P., 17s. 6d., spot.

**BELLADONNA.**—Root testing 0.5 per cent. is offered at 2s. 3d. per lb. (in bond), and LEAVES testing 0.514 per cent. at 3s., duty paid.

**BENZOIN.**—Sumatra block on the spot is from £27 10s. to £32 per cwt.

**BISMUTH METAL.**—Minimum rate is 16s. per lb.

**CAMPHOR.**—B.P. POWDER is 7s. 9d. per lb., duty paid. Afloat is offered at from 6s. 9d., c.i.f. TABLETS,  $\frac{1}{4}$ -oz. are 7s. 2d., in bond. Synthetic is 4s. 6d.

**CAPSCICUMS.**—East African on stalk are 150s. per cwt. spot. Abyssinian, off stalk, 180s., spot, duty paid.

**CASCARA SAGRADA.**—American 1954 peel is 250s., duty paid. Offers of new-crop are nominal.

**CHAMOMILE.**—Belgian flowers are 5s. 3d. per lb. on the spot.

**CHILLIES.**—Mombasa spot supplies offered at 380s. per cwt. and shipment, 360s. per cwt., c.i.f.

**CINNAMON.**—Ceylon for shipment (c.i.f.) per lb.; OOOO, 6s.; OOO, 5s. 11 $\frac{1}{2}$ d.; OO, 5s. 10d.; O, 5s. 9d.; firsts, 4s. 0 $\frac{1}{2}$ d.; quillings, 2s. 4d.; chips, about 7d.

**COCILLANA.**—Value of bark is 2s. 9d. per lb. on the spot.

**COLCHICUM.**—Corms on spot are offering at 2s. 3d. per lb., and seeds, 6s.

**ERGOT.**—Portuguese is now quoted for shipment at 11s. 6d. per lb., c.i.f.; East-European from 7s. 6d. to 12s. 6d. spot.

**GUM ACACIA.**—Kordofan cleaned sorts on the spot are offered at 140s. per cwt. and May-June shipment at 129s., c.i.f.

**IPECACUANHA.**—Quiet. Limited spot offers of Colombian at 67s. 6d. per lb., and Matto Grosso, 63s. For June-July shipment, Colombian is quoted at 63s. 6d. per lb., c.i.f.

**KARAYA.**—No. 1 gum on the spot is quoted at 365s. per cwt., and No. 2 at 300s.

**KOLA NUTS.**—African halves continue short on the spot at about 6 $\frac{1}{2}$ d. per lb. Jamaican are offered from 7d. to 7 $\frac{1}{2}$ d. as to holder.

**LANOLIN.**—In 1-ton lots the price of ANHYDROUS, B.P., is from 160s. to 165s. per cwt.; 5-cwt. lots from 162s. to 167s. per cwt. HYDROUS, B.P., is from 140s. to 142s. for similar quantities. All in drums, carriage paid, U.K.

**LIQUORICE.**—Quotations for Anatolian are 70s. per cwt.; Russian, 65s. and Persian, 50s. Block juice quotations are 220s. per cwt. on the spot. Italian stick from 310s. to 475s. per cwt. duty paid.

**MACE.**—West Indian pale blade is 9s. 6d. per lb.; shipment, 8s. 10d., c.i.f.

**MERCURY.**—Nominal spot value is easier at £108 per flask of 76-lb. ex-warehouse.

**MYRRH.**—Aden selected sorts are about £14 10s. per cwt. on the spot. Siftings are from £7.

**ORANGE PEEL.**—Bitter quarters are offered at from 1s. to 1s. 3d. per lb.

**NUTMEGS.**—West Indian 80's quoted at 3s. per lb. on the spot and 2s. 8d., c.i.f., for shipment.

**PEPPER.**—Quiet. White Sarawak on spot is now offering at 3s. 9d. per lb. with afloat parcels, 2s. 7d. to 2s. 7 $\frac{1}{2}$ d., c.i.f. Black Sarawak is 2s. 9 $\frac{1}{2}$ d. spot; afloat, 2s. 7 $\frac{1}{2}$ d. to 2s. 8d., c.i.f. Black Malabar is dealer on spot at 365s. per cwt. May shipment is 375s. per cwt., c.i.f.

**PIMENTO.**—Spot is quoted at about 6s. 4 $\frac{1}{2}$ d. per lb.

**PODOPHYLLUM.**—Emodi is quoted at 150s. per cwt., ex wharf. *Peltatum* is now 400s. on the spot.

**PSYLLIUM.**—Indian seeds are quoted at 1s. 1d. to 1s. 2d. per lb. on the spot.

**QUASSIA.**—Spot quotations for chips are at about 45s.; May-June shipment is about 32s. 6d. per cwt.

**QUILLAIA.**—Whole bark to arrive is offered at 220s. per cwt., landed terms.

**RHUBARB.**—Quotations for Chinese are from 7s. 9d. to 9s. 6d. per lb., duty paid, as to quality. Shipment offers at from 6s. 9d. for 60 per cent. pinky to 8s. 1d., c.i.f., for 80 per cent.

**SAFFRON.**—Mancha superior is 220s. per lb. Rio selecta about 215s.

**SARSAPARILLA.**—Jamaican native red on the spot is about 3s. 10 $\frac{1}{2}$ d. per lb. For shipment the price is 3s. 6d., c.i.f.

**SASSAFRAS BARK.**—Selected is 6s. 3d. and natural, 4s. 3d. per lb. landed terms.

**SEEDS.**—(Per cwt.) ANISE.—Tunisian unchanged with sellers quoting 277s. 6d., spot duty paid. CARAWAY.—Dutch easier with 160s. now being asked for spot, duty paid. CELERY.—Indian steady at 150s., on spot. CORIANDER.—Quiet. Spot, Morocco, 77s. 6d., duty paid (72s. 6d., in bond); Rumanian, 62s. 6d., duty paid and splits, 55s., duty paid. CUMIN.—Steady. Spot, Cyprian, 125s.; Morocco, 126s., duty paid. Shipment (new-crop for June-July), Cyprian, 105s.; Morocco, 99s., c.i.f. DILL.—Indian unchanged at 65s., spot. FENNEL.—A small demand reported on spot. Indian is 90s. and Chinese, 92s. 6d., duty paid. FENUGREEK.—Remains firm on spot. Morocco is 65s., duty paid. MUSTARD.—English 67s. 6d. to 90s. according to quality.

**SENEGA.**—Spot supplies are 24s. per lb.

**SENNA.**—*Timnevelly* LEAVES (per lb.), prime No. 1, 1s. 1 $\frac{1}{2}$ d.; No. 2 (dry crop), 9 $\frac{1}{2}$ d.; prime No. 3, 8d.; f.a.q., No. 3, 7d.; PODS, f.a.q., 7 $\frac{1}{2}$ d.; hand-picked, from 1s. 6 $\frac{1}{2}$ d. to 2s. 10d. as to quality, all on the spot. *Alexandrian* manufacturing pods, 2s. spot; small lots of hand-picked are from 7s.

**SERPENTARIA.**—Spot market almost bare. Offers for shipment at 35s. 6d., landed terms.

**SHELLAC.**—Fine orange, 410s. to 460s. per cwt.; ex London warehouse.

**SLIPPERY ELM.**—Grinding quality bark is 2s. 7d. per lb., landed.

**STRAMONIUM.**—Indian LEAVES are 75s. per cwt. and European 80s. on the spot.

**STROPHANTHUS.**—*Kombé* is 7s. and 9s. per lb. as to crop. *Gratus* is 14s.

**STYRAX.**—Spot is 5s. 7d. per lb.

**TONKA BEANS.**—Frosted Para are 6s. per lb. on the spot.

**TRAGACANTH.**—No. 1 ribbon is £160 to £170 per cwt.; No. 2, £125 to £130; No. 3, £110 to £115.

**TURMERIC.**—Madras finger, new-crop is now offering at 185s. per cwt. with business reported at that figure. May shipment is 150s. per cwt., c.i.f.

**VANILLIN.**—Rates (per lb.) are:—5-cwt. lots, 30s.; 1-cwt., 30s. 3d.; 56-lb., 30s. 6d.; smaller quantities, 30s. 9d.

**WITCH HAZEL LEAVES.**—Offers are now 1s. 10d. per lb. on the spot.

**Essential and Expressed Oils**

**ALMOND.**—B.P. is from 6s. 6d. to 7s. 6d. per lb., as to quantity.

**ANISE.**—Chinese is quoted at 19s. 3d. per lb. on the spot and 19s. 3d., c.i.f.

**BOIS DE ROSE.**—Brazilian is 34s. 6d. per lb. on the spot and 33s., c.i.f.

**CANANGA.**—Supplies to come forward are quoted at from 55s. per lb., c.i.f. Spot is from 60s. 6d. per lb.

**CARAWAY.**—English-distilled is offered at 55s. and imported oil at 32s. 6d. per lb.

**CARDAMOM.**—Price per lb. is from 360s. for English distilled and 295s. for imported.

**CASTOR.**—In minimum 2-ton lots the price of pharmaceutical quality for prompt delivery is £116 per ton, naked ex mill. For forward delivery the price is £114.

**CITRONELLA.**—Ceylon is unchanged at 7s. 2d. per lb. on the spot and 9s., c.i.f. Formosan is steady at 12s. 6d. on the spot and 12s. 9d., c.i.f. Java is 12s. 6d., both in bond and c.i.f.

**CLOVE.**—Madagascar leaf is 10s. 6d. per lb., duty paid and 9s. 3d., c.i.f., for shipment. Redistilled stem oil from 17s. 6d.; distilled bud oil, English, from 35s. to 40s.; imported, 18s. 6d. to 19s. 6d.

**COD-LIVER.**—B.P. is 11s. 6d. per gall. in charged returnable drums. Veterinary is from 9s. 6d. per gall.

**CORIANDER.**—Russian-seed oil is offered at from 100s. per lb.

**CUMIN.**—Quotations for English-distilled oil are about 77s. 6d. per lb. and imported, 57s. 6d.

**DILL.**—B.P. English-distilled oil is quoted at 60s. per lb. Imported oils are scarce at 36s. per lb.

**FENNEL.**—Spanish sweet on the spot is quoted from 9s. 6d. per lb.

**GARLIC.**—English is 55s. per oz.

**GINGERGRASS.**—Offers are from 30s. to 31s. per lb.

**HYDROCARPUS.**—Spot is about 2s. 2d. per lb.

**LEMONGRASS.**—Spot is steady at 11s. 9d. per lb. and shipment at 11s. 3d., c.i.f.

**LIME.**—Supplies of West Indian distilled are offered from 35s. per lb. on the spot.

**ORIGANUM.**—In original containers the price is 13s. to 14s. per lb.

**PATCHOULI.**—Penang is 57s. 6d., duty paid, and 51s. 6d., c.i.f.

**PEPPERMINT.**—*Arvensis*: Chinese is 39s. per lb. on the spot and c.i.f. Brazilian, 33s., spot, and 31s. 6d., c.i.f. (May-June). Italian "Mitcam" type oil is from 72s. 6d. to 80s., spot, and American 60s. to 65s.

**PETITGRAIN.**—Paraguay is quoted for shipment at 23s. 6d. per lb., c.i.f., and 26s. 6d., spot, in cases.

**SASSAFRAS.**—Brazilian on the spot is 7s. per lb.

**UNITED STATES REPORT**

NEW YORK, MAY 17: Increased prices for metals boosted quotations for SILVER and TIN derivatives, but LITHIUM SALTS declined. SILVER NITRATE at 57 $\frac{1}{2}$  cents per ounce was up 1 $\frac{1}{2}$  cents. Lower per lb. were LITHIUM CARBONATE, N.F., at \$1.29, down 13 cents, with technical at 85 cents (down five cents) and LITHIUM HYDROXIDE MONOHYDRATE at 90 cents, down 7 $\frac{1}{2}$  cents. Among CRUDE DRUGS, SENEGA was increased to \$3.65 a lb., up 15 cents because of restricted supplies. Among ESSENTIAL OILS, CLOVE-LEAF was higher at \$1.35 a lb. (up five cents), while CHENOPODIUM was lower at \$4.15 (down 20 cents).



# HISTORY OF THE MORTAR

## Its development traced at Edinburgh branch meeting

THE history of the mortar, from its employment as a domestic article for the grinding of foodstuffs to its present-day use in pharmacy, was traced by Mr. A. W. Keith, M.P.S., in an address given to the Edinburgh and South-eastern Scottish Branch of the Pharmaceutical Society recently.

### Origin and Early Illustrations

Probably the earliest type of mortar, said Mr. KEITH, was simply a hollow in a boulder. Much of what was known about mortars in early times had been obtained from carvings found during excavations in Egypt. The Egyptians used them and the carvings depicted mortars very similar to the composition ones with which pharmacists were familiar today. The Romans had factories called "Mortaria" in the South of England. The mortars they made were of white clay, baked hard to avoid porosity, and were exported to Gaul and Rome. One type of mortar the Romans used was of metal. Called a handmill, it had a tight fitting metal lid with a hole in the centre through which the pestle was introduced. The only remaining examples of those were in museums.

It was only from the Romans that proof was found that the mortar was used in medicine. Plato mentioned the mortar but did not specify for what use. Juvenalis, probably the most famous orator and poet of the Romans, mentioned a mortar as an instrument for the preparation of medicaments. Arabian and Persian apothecaries used mortars of a similar type to those of Roman origin. Mortars were mentioned in the Bible although not exactly in the pharmaceutical sphere. Isaac Walton in his *Compleat Angler* mentioned the mortar.

It was from about the thirteenth century when medical practice and pharmacy separated that the mortar became the sign outside the druggist's shop. A little later, in Germany, it became the custom in such businesses to have a large and usually lavishly decorated mortar within the premises. In America early examples had been found beside the bones of the early Red Indians. In New Westminster, British Columbia, there was a very fine mortar of jade with the carving of what appears to be the head of a salmon. Traces of red pigment on it suggested that the Red Indians used mortars to pound down the pigments for their war paint.

Many of the mortars in the possession of collectors today never saw the inside of a pharmacy. What were known as bell mortars were made by highly-skilled bell makers of the fifteenth, sixteenth and seventeenth centuries. After a foundry had turned out a carillon of bells some of the metal left over would be used up to make mortars. Mortars in those days were essential to the housewife. They were still, in certain parts of Europe, in practically every home. In Holland, Belgium and Germany, mortars were

very highly prized and were invariably a principal wedding gift, often with the names or initials of the contracting parties inscribed. Many sixteenth century mortars had inscriptions such as "Amor Vincit Omnia," others had religious inscriptions.

The mortar was used for many other purposes. It was a convenient receptacle for burning incense or oil.

It was quite common for the pestle to be of iron irrespective of what material was used for the mortar.

Mortars in the hands of collectors were of stone, granite, marble, wood, ivory, alabaster, bronze, brass, bell-metal, iron, slate, glass and agate. The majority were European or from those countries bordering the Mediterranean.

The first European mortars represented the gothic style of which there were two varieties, one characterised by ribs ascending from the bottom and gradually tapering towards the top and the other, and much rarer, by rings surrounding the mortar. Mortars of German and Roman origin were also to be found with either Gothic ribs or rings. It was the shape of the mortar that betrayed its country of origin. Dutch and Flemish mortars were very much in evidence in Britain. When William the Third came to the throne in 1689 his court brought with them as gifts some beautiful specimens by Dutch and Flemish craftsmen.

### Craftsmanship

Until the middle of the nineteenth century the value of the metal for re-smelting purposes was considered of more moment than the craftsmanship behind the mortar. Many valuable specimens found their way to the re-smelter. One of the finest examples of English craftsmanship was saved from that rather ignominious end. It was purchased as old metal by a Mr. Rudder of Birmingham in 1811, was dated 1308 and was the work of Friar Towthorpe, a Brother of the Order of St. Gilbert, the only pure English monastic order famed for skill in metalcraft. Mr. Rudder presented it to a Dr. Blount, a noted Birmingham antiquary of the time. At the doctor's death in 1835 the mortar was purchased by a Mr. Kenrick who afterwards presented it to York Museum. It was massive in design, weighing seventy-six lb.

The old bronze mortars had a variable content of copper and tin—approximately 75 per cent. of the former and 23 per cent. of the latter, the remainder consisting of small percentages of lead, zinc and sometimes silver. The actual proportions determined the colour of the finished mortars.

Since the Renaissance, Dutch and Flemish mortars especially showed a wealth of elaborate and delicate decoration. They invariably had some inscription in Latin or Low Dutch and their decorations included acanthus leaves, clusters of fruits, circular

shields, birds of prey, flowers, birds and similar symbols. Many mortars of the Renaissance period showed the influence of the famous sculptors of the time. English mortars were less decorative than their Continental counterpart.

The older metal mortars were based on the shape of the stone predecessors, even to the extent of their decorations. They were half spherical or pear shaped. Some of the early Egyptian ones were in bronze inlaid with silver. The early Arabian mortars gave their shape to subsequent Gothic, Italian and French types. The Gothic type penetrated beyond the Alps and combined with the Spanish and Portuguese, and those were invariably squat. They were recognisable by the absence of handgrips or ears and the presence of vertical ribs or buttresses.

The late Major E. Saville Peck, Cambridge, had probably the finest collection of mortars in England (see *C. & D.*, June 28, 1952, p. 890) and gave from time to time some excellent specimens to the Pharmaceutical Society's museum and other museums. The best collection in Scotland was perhaps that of Mr. Mitchell Ross, Aberdeen. The speaker's own collection numbered forty-two antique, i.e., dating before the nineteenth century. The collecting and study of mortars provided an opportunity for an interesting and profitable hobby.

## BRITISH PLASTICS FEDERATION

THE British Plastics Federation's annual report for 1954 emphasises the expansion of its technical work during the past ten years. Whereas in 1943 there were only two technical committees, there are today thirty-three technical and seventeen British Standards Institution plastics committees. At a meeting of the council of the Federation recently, Mr. W. Charles Waghorne was elected *President*, Mr. A. E. Skan re-elected *Chairman*, Mr. C. C. Last, *Vice-chairman*, and Mr. H. W. Graesser-Thomas, *Treasurer*. Speaking at a meeting held in London on April 26 to mark the twenty-first anniversary of the Federation's formation, Mr. Skan appealed for more support for the industry's educational fund, both financially and from the point of view of allowing the young men time off necessary to take advantage of the courses provided. Mr. Skan said it was surprising that in that industry which had grown so rapidly, was undoubtedly prosperous and, moreover, which owed much of its progress to the work of the technicians and chemists only about twenty per cent. of the member firms of the Federation made any contribution to the education fund. The income of the fund was quite inadequate for present needs and should be doubled or even trebled if they were to be sure of the steady flow of trained young men necessary for continuity of progress in the industry.

## COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

## Sunday, May 22

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Romford golf club, at 2.30 p.m. Competition for the Jordan memorial trophy.

## Monday, May 23

PHARMACEUTICAL SOCIETY, Royal Institute of British Architects, 66 Portland Place, London, W.1, at 8 p.m. Reception, Ticket-holders only.  
SHEFFIELD PHARMACY CLUB, Tippet Lane, Sheffield, at 7.30 p.m. Assemble for mystery tour (men only).

## Tuesday, May 24

HARROGATE BRANCH, PHARMACEUTICAL SOCIETY, Fuller's café, Parliament Street, Harrogate, at 7.30 p.m. Mr. J. M. Dowty (a member of the Society's Council) on "The Council and You."

## Wednesday, May 25

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Unicorn, Gidea Park, at 7.45 p.m. Meeting to appoint representatives to the Branch Representatives' meeting in Aberdeen in September.

SHEFFIELD BRANCH, PHARMACEUTICAL SOCIETY, Grand Hotel, Sheffield, at 8 p.m. Annual meeting.

## Friday, May 27

CROYDON PHARMACISTS' ASSOCIATION and BRANCH, Café Royal, North End, Croydon, at 8 p.m. Annual meeting, followed by Mr. Brian Milne (Croydon Natural History and Scientific Society) on "Bird Life in Croydon" (illustrated talk).

## Advance Information

LONDON PHARMACY RAMBLERS are walking 14 miles via Exmoor and the Somerset coast on May 29 (Whit Sunday). Special train to Minehead leaves Paddington, London, at 9.50 a.m. Return train from Minehead 11.25 p.m., arriving Paddington 6.35 a.m. on May 30.

## LOCAL OFFICERS

## PHARMACEUTICAL COMMITTEES

Bournemouth.—Secretary, Mr. P. J. Parr, 148 Charninster Road, Bournemouth.

## PHARMACEUTICAL SOCIETY

Dudley and Stourbridge Branch.—Chairman, Mr. F. A. B.I.S.; Vice-chairman, Mr. D. F. Cartwright; Secretary, Mr. F. H. Haden, 47 Queensway, Wollacote, Stourbridge.

Exeter Branch.—Chairman, Mr. T. C. N. Booth; Vice-chairman, Mr. H. W. H. Payne; Treasurer, Mr. R. C. Crisp; Secretary, Mr. J. H. Ward, c/o 10 Smythen Street, Exeter, Devon.

Hounslow Branch.—Chairman, Mr. W. Waterman; Vice-chairman, Mr. J. L. L. Heppen-tall; Treasurer, Mr. W. Waterman; Social Secretary, Mr. L. W. West; Secretary, Mr. S. G. Davis, 2 Almorah Road, Heston, Middlesex.

Portsmouth Branch.—Chairman, Mr. J. C. Bloomfield; Vice-chairman, Mr. W. R. D. Voke; Treasurer, Mr. A. G. Tatford; Secretary, Mr. N. L. Banks, 294 London Road, North End, Portsmouth.

Scarborough Branch.—Chairman, Mr. J. M. Crichton; Vice-chairman, Mr. S. Devonshire; Secretary and Treasurer, Mr. S. Cooper, 24 Victoria Road, Scarborough.

## PHARMACEUTICAL ASSOCIATIONS

Enfield Chemists.—President, Mr. A. G. Garrett; Vice-president, Mr. W. A. Cooke; Treasurer, Mr. S. J. Windsor; Secretary, Mr. J. Soulsby, 95 Old Park Avenue, Enfield.

Finchley Division, North London Pharmaceutical Association.—Chairman, Mr. D. M. Neil; Vice-chairman, Mr. G. C. Dawes; Treasurer, Mr. H. J. Shore; Secretary, Mr. J. C. Bolton, 32 High Road, East Finchley, London, N.2.

## TRADE MARKS

## APPLICATIONS ADVERTISED BEFORE REGISTRATION

## From the "Trade Marks Journal," May 11

For chemical substances for use as plasticisers for natural and synthetic resins (1)

APEX, 727,875, by Food Machinery And Chemical Corporation, Delaware, U.S.A.

For chemical products, used in agriculture, horticulture and forestry and natural and artificial manures and tanning substances (1)

SONIC, 735,948, by Sonicmill, Ltd., London, S.E.16.

For chemical products used in science and photography, and chemical substances for preserving foodstuffs, and synthetic resins in powder and liquid form (1)

SILKOVAN, 736,217, by Rohm & Haas, G.m.b.H., Darmstadt, Germany.

For sensitised paper and sensitised cloth, all for photographing purposes (1)

DYAMAX, MONOLYNE, 737,315-6, by Allott, Jones & Co., Ltd., Liverpool, Lancs.

For non-medicated toilet preparations (3)

FLORIS, 733,203, by Floris, Ltd., London, S.W.1. ERACE, 734,130, by Max Factor & Co., Delaware, U.S.A. ANGEL SKIN, B738,255, by Pond's Extract Co., Ltd., Greenford, Middlesex. SILCURA, 739,594, by Lloyd Hamol, Ltd., London, S.W.1.

For all goods (3)

BEACOL, 738,417, by Eric Ashton and Wilfred Eutenfield, Ilkley, Yorks. COSETA, 739,653, by D.D.D. Co., Ltd., Watford, Herts.

For toilet preparations being adhesives for securing dental plates (3)

PROHESIVE, 739,030, by the Lambert Co., Delaware, U.S.A.

For oxytetracycline and derivatives thereof, and substances containing oxytetracycline or derivatives thereof, all prepared for use as antibiotics (5)

TERRAMYCIN, 731,848, by Chas. Pfizer & Co., Inc., Delaware, U.S.A.

For insecticides, fungicides and preparations for killing weeds, all being goods containing copper (5)

CUPROX, 733,287, by Plant Protection, Ltd., Yalding, Kent.

For creams and ointments, all being medicated and all for use in the treatment or prevention of diseases of the skin (5)

PROTAC, 734,857, VANZITAR, 737,602, by Godfrey Reginald Berry, Ockbrook, Derbys.

## C. &amp; D. WEEKLY LIST OF PRICES

A=Advanced; R=Reduced; I.R.P.=Inclusive Retail Price; \*—Tax 25 per cent.; †—Tax 75 per cent.

DELAVALLE (G.B.), LTD. (from June 1).  
Blue Orchid perfume† 17 4 3 3 A  
Blue Orchid brilliantine† 9 9 1 10 A  
Blue Orchid brilliantine† 13 3 2 6 A  
Blue Orchid talcum powder† 17 4 3 3 A  
Blue Orchid bath cubes† 15 6 2 11 A

RIKER LABORATORIES, LTD. (from May 16)  
Serpiloid brand re-cripine Each  
tablets 0.25 mgm, 1,000 117 4 176 0 R  
0.5 mgm, 1,000 231 0 345 6 R

## NEW PRODUCTS AND PACKS

BAYER PRODUCTS, LTD.  
Scominol tablets 100 16 8 25 0  
500 80 0 120 0

BURROUGHS WELLCOME & CO.  
Wellcome brand improved  
blackleg vaccine 10 c.c. 4 6  
20 c.c. 7 6  
50 c.c. 15 6

COPYDEX, LTD.  
Copydex adhesive 2 oz. 22 0 2 9  
4 oz. 31 4 3 11  
½ pint 60 0 7 6  
pint 100 0 12 6

THE CROOKES LABORATORIES, LTD.  
(corrected note) Each  
Personal blend liquid  
foundation cream† single bottle 3 0

For fertilisers (1)  
SPRAFER, 739,882, by Mark Smith, Ltd., Maidstone, Kent.

For all goods (5)  
PERMON, 736,071, by Roche Products, Ltd., Welwyn Garden City, Herts. MENOSTRIL, 738,054, by Glaxo Laboratories, Ltd., Greenford, Middlesex. DURAPEN, 738,295, by the Wellcome Foundation, Ltd., London, N.W.1. GEVRINE, 738,825, by American Cyanamid Co., Maine, U.S.A. GOMAXINE, 739,488, by Gomax, Ltd., London, E.2.

For pharmaceutical preparations in tablet form for use in the treatment of colds (5)  
CINNIGEN, B736,690, by Radia Products, Oxford.

For strengthening foods, made from soya beans, for infants and invalids (5)  
HI-SOY, 737,540, by Barbara Broadman-Weston, Castle Donnington, Leicesters.

For pharmaceutical preparations and substances (5)

KLASOLEM, 737,487, by N.V. Maatschappij Tot Exploitatie Der Zaken Gedreven Onder De Naam Van Kiasolem, Amsterdam, Holland. VINCIDOL, 739,107, by Industrial Iberica Quimico-Farmacéutica, S.A., Barcelona, Spain. WALLACHOL, 739,194, by Wallace Manufacturing Chemists, Ltd., London, N.W.3. PROSTANOL, 739,866, by Mabel Ida Mills, County Cavan, Republic of Ireland.

For pharmaceutical preparations in capsule form for use in the treatment of muscle spasm (5)  
PIPTAL, 738,004, by Lakeside Laboratories, Inc., Wisconsin, U.S.A.

For pharmaceutical ionic preparations (not being wines) (5)  
MIGHTOIDS, 739,909, by Henry Flertag, London, W.1.

For pharmaceutical preparations for human use and veterinary use, and sanitary substances and disinfectants (5)

FULSAN, 739,971, by Imperial Chemical (Pharmaceuticals), Ltd., London, S.W.1.

For deodorants (5)  
PURIFAIR, B740,084, by Samuel Wachsmann, London, N.16.

For optical apparatus and instruments and parts thereof (9)  
DUOPAL, 729,551, by Carl-Zeiss Stiftung, Württemberg, Germany.

## COTY (ENGLAND), LTD.

Twistick perfumed  
solid cologne† 7 6

F. W. HAMPSHIRE & CO., LTD.  
Dor deodorant stick\* 1 9

RECKITT & COLMAN, LTD.  
Solprin tablets 500 12 6

SCHERK, LTD.  
Scherk face lotion† 23 gm. 17 9 3 4  
50 gm. 28 0 5 3  
100 gm. 44 0 8 3  
250 gm. 88 0 15 6  
Scherk face milk† 50 gm. 28 0 5 3  
100 gm. 44 0 8 3  
250 gm. 88 0 16 6

## P.A.T.A. PROTECTED LIST

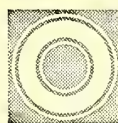
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ALLEN & HANBURYS, LTD. (from May 12)  
Allenburys baby soap\* 6 10 10½

MOORE MEDICINAL PRODUCTS, LTD. (Correction to the P.A.T.A. Quarterly Record)  
Strix tablets 50 54 0 6 0

SILVIKRIN LABORATORIES (DIVISION OF COUNTY LABORATORIES, LTD.) (addition)  
Silvikrin cream shampoo\*  
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QUIESCIN, an alkaloid of *Rauwolfia serpentina*, is of the greatest clinical value in the treatment of anxiety and tension states. Quiescin gives a feeling of relaxation and comfort, banishes depression, and lowers raised blood pressure.

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**Quiescin**

- ★ does not produce the mental dullness or addiction associated with barbiturates.
- ★ wide margin between therapeutic and toxic dosage.
- ★ no lowering of blood pressure in normotensives.
- ★ only mild, infrequent side-effects encountered.

**DOSAGE**

For mental illness and/or hypertension  $\frac{1}{2}$ —3 mg. per day in divided doses as required. In anxiety states up to 1 mg. per day as necessary.

**AVAILABILITY**

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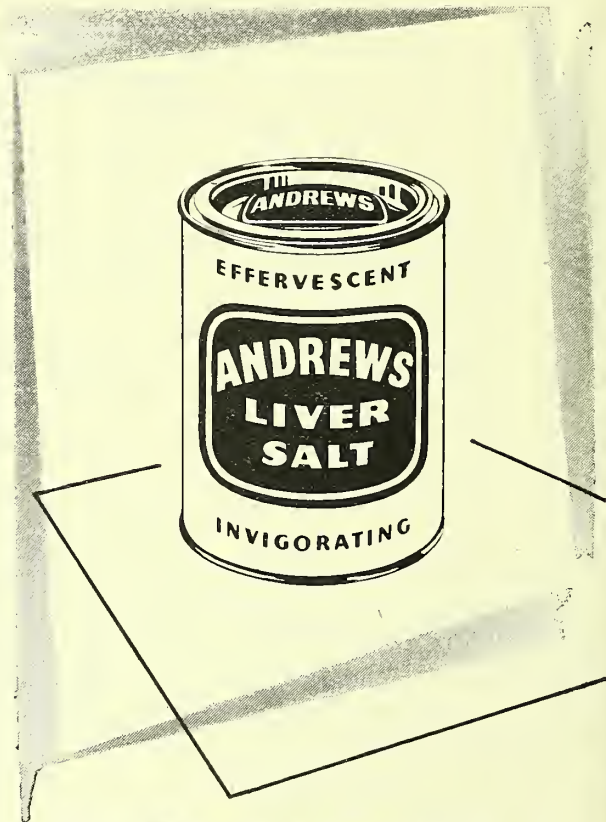
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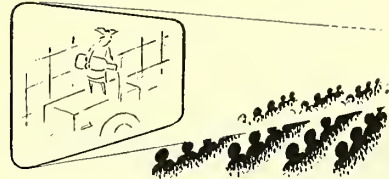
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**BRUSHLESS**  
**DRY CLEANSER**



...disinfects  
as it cleans  
round the  
unseen  
bend!

**DISPLAY MATERIAL**  
This attractive Display Card is available for window and interior displays. The number is limited. If you would like one let us reserve it for you now.



The lively Domestos Puppet Films are unique. The audience likes them, remembers them and buys more Domestos after seeing them — *because the message gets home!* Make the most of the goodwill these films are creating. Feature a Domestos display in your window, show Domestos on your counter — and be sure your stock is sufficient to meet *new* demands created by the combined impact of Domestos Press, Poster, Film and Point of Sale advertising. Our representative will let you know when the Domestos films are booked for your town.



Dont forget—our expert Display staff is at your Service.



# Pattinson's REGISTERED BRAND PRODUCTS

- LIGHT & HEAVY MAGNESIUM CARBONATES B.P.
- LIGHT & HEAVY MAGNESIUM OXIDES B.P.
- MAGNESIUM OXIDE LEVISSIMA
- MAGNESIUM HYDROXIDE B.P.C.
- MAGNESIUM TRISILICATE B.P.
- CREAM OF MAGNESIA B.P.

*Our Research Division welcomes enquiries from any manufacturer with a problem in which any of the above products are concerned. Please write to our Sales Technical Department if you require fuller information.*

for the  
**PHARMACEUTICAL**  
Industry

**THE WASHINGTON  
CHEMICAL CO. LTD.**

A member of the TURNER & NEWALL ORGANISATION  
WASHINGTON · CO. DURHAM · ENGLAND

**WACKY TAPE**  
TRANSPARENT & COLOURS

ATTRACTIVELY  
PRINTED  
IN ONE OR TWO COLOURS

**SAMUEL JONES & CO. LTD.**  
NEW BRIDGE STREET, LONDON, E.C.4. CENTRAL 6500.

WE PREPARE SUGGESTIONS IN COLOUR  
for approval without charge

Show 'Elasto' — It Sells on Sight!

**Elasto**  
THE BIOCHEMIC TABLET

Retail Price  
(Incl. P.T.)  
5/8d. and 22/7d.

ELASTO advertising is widespread and consistent. A steady demand for this fine product is being created at your very door. Link up with this vigorous campaign by reminding your customers that YOU can supply. Your PROFIT IS ONE SHILLING AND SEVENPENCE on each sale!


**NEW ERA LABORATORIES LTD.**  
CECIL HOUSE · HOLBORN VIADUCT · LONDON

# *In atonic constipation*

PURSENNID contains the pure Sennosides A & B of *Cassia augustifolia* in the form of their calcium salts.

PURSENNID, taken at bed-time, exerts a gentle but effective laxative action on the following morning.

PURSENNID does not cause griping, cramps or colic owing to the fact that the active compounds are pure glucosides, constant in quality and potency, and the preparation is free from irritant impurities contained in crude senna preparations.



**PURSENNID**

*Tubes of 40 and 200 tablets,  
each containing 12 mg.*

*Schweiz. med. Wschr., 1941, 71, 1093  
Rev. méd. Suisse rom., 1941, 61, 585  
Amer. J. dig. Dis., 1945, 12, 221*



**S A N D O Z**  

---

**PRODUCTS LIMITED**

*134, Wigmore Street,  
London, W.1*

# TRUST ALL your takings to the 3-WAY PROTECTION of the VIGILANT

2-TOTAL Model No. 132(7)2 For the Pharmaceutical Trade

(IMMEDIATE DELIVERY)

5 YEARS GUARANTEE ★ MADE IN DUNDEE

- 1** BOLD, white on black, wide angle INDICATION — reading left to right, front and rear.
- 2** AUTOMATIC, PERMANENT RECORD of all transactions: Last 9 items always visible.
- 3** AUTOMATICALLY PRINTED CUSTOMERS PURCHASE CHECK



Designed to PROTECT & built to ENDURE

THE NATIONAL CASH REGISTER COMPANY Ltd.

206-216 Marylebone Road, London, N.W.1, and all principal business centres

Life-long satisfaction is guaranteed to every user through National's unequalled SERVICE after SALES ORGANIZATION



## COLBY introduce new 6 star service



Now customers can order individually designed surgical stockings through you!

- ★ Sufferers see Colby showcard in your window offering individually designed surgical stockings.
- ★ They enter and order from you (wide range includes Nylon Yarn, Elastic Yarn, Nylon and Cotton Nets).
- ★ You fill in the order form and post it.
- ★ We send you customer's exact requirements.
- ★ You complete the sale and pocket the retail profit margin.
- ★ Customers come into your shop twice. Two opportunities for loose change purchases.

No capital outlay on stocks.  
No shelf space taken up.  
No sales losses through being "temporarily out of stock."

Send today for material samples, eye-catching window display cards, counter leaflets, price lists and order forms.

Write to:

**COLBY SURGICAL ELASTIC HOSIERY**  
(DEPT. CD) 314 EUSTON ROAD, LONDON, N.W.1

N23



# Victory V

GUMS & LOZENGES  
FRYER & CO. (Nelson) LTD., NELSON, LANCS.

FOR IMMEDIATE AND FUTURE  
DELIVERY

## FOLIC ACID

B.P./U.S.P.

For Home and Export

**McKESSON & ROBBINS LTD.**

"UNIVERSAL HOUSE"

Southwark Bridge · London · S.E.1

Telephone: WATERloo 3516/7/8



# Why you should try the Mirror Toothbrush yourself

**I**F you are as honest as most pharmacists you will be quick to admit that, although you know the backs of your teeth need cleaning just as much as their fronts, it is very doubtful if they get the attention they need.

The fact is that, without looking at the backs of your teeth, you cannot even see *where* they need cleaning, let alone do the job really properly.

That is why we have introduced the Wisdom Mirror Brush. This consists of a Wisdom Flextron toothbrush with a dental mirror at the other end. It is a simple and obvious idea but the difference it makes to tooth-cleaning is amazing. For the first time you can see the backs of your teeth—where most dental troubles start. You can see the danger spots that need attention most—and watch the progress you make in cleaning them up.

If only for the difference it can make to your own teeth you should try the Wisdom Mirror Brush. But the Mirror Brush is equally valuable to all your customers who still have their own teeth. That means it can be a very profitable line to handle. Big space advertising for the Wisdom Mirror Brush will shortly be appearing in all the leading nationals. Put it on display on your counter and tell your customers about this important innovation in dental hygiene. Retail price is 2/6. Mirror Toothbrush orders count towards Wisdom quantity terms in the usual way.



*BOTH ENDS of the new Mirror Toothbrush serve to make teeth look brighter! At one end, a handy dentist-type mirror for close inspection of danger spots in out-of-the-way places; at the other, Wisdom's now-famous springy Flextron tufts. Each brush comes in its own smart plastic pack.*



# Wisdom REGD.

THE CORRECT-SHAPE TOOTHBRUSH

ADDIS LIMITED, BRUSHWORKS, HERTFORD



# Order Now

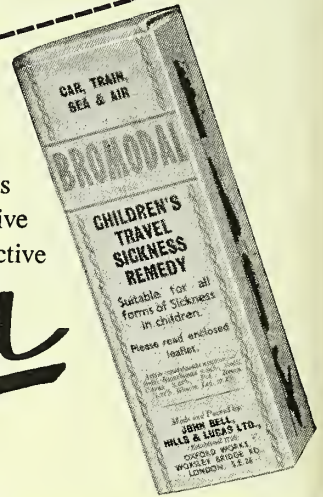
## FOR SUMMER SALES

### SAN SAT

removes Beach Tar and Oil  
Stains from Skin and Clothes

Retail 1/9 a bottle

Trade 14/- per dozen tax free



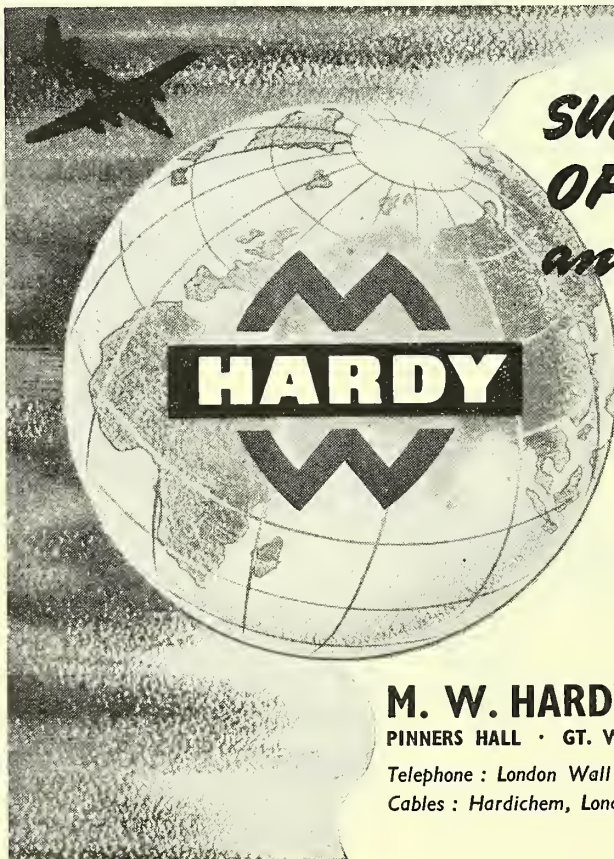
Children's  
Travel Sickness Preventive  
Safe and effective

Retail 1/11 a bottle

Trade Price 11/6 per dozen.  
(P. Tax 2/10½)

# Bromodal

**JOHN BELL, HILLS & LUCAS LTD.**  
Oxford Works, Worsley Bridge Road, London, S.E.26



## SUPPLIERS TO THE WORLD OF PHARMACEUTICALS and FINE CHEMICALS

CITRIC ACID B.P. (GRAN)

MERCURIC CHLORIDE B.P.  
(Corrosive Sublimate)

MERCURY Ammonium  
CHLORIDE B.P.

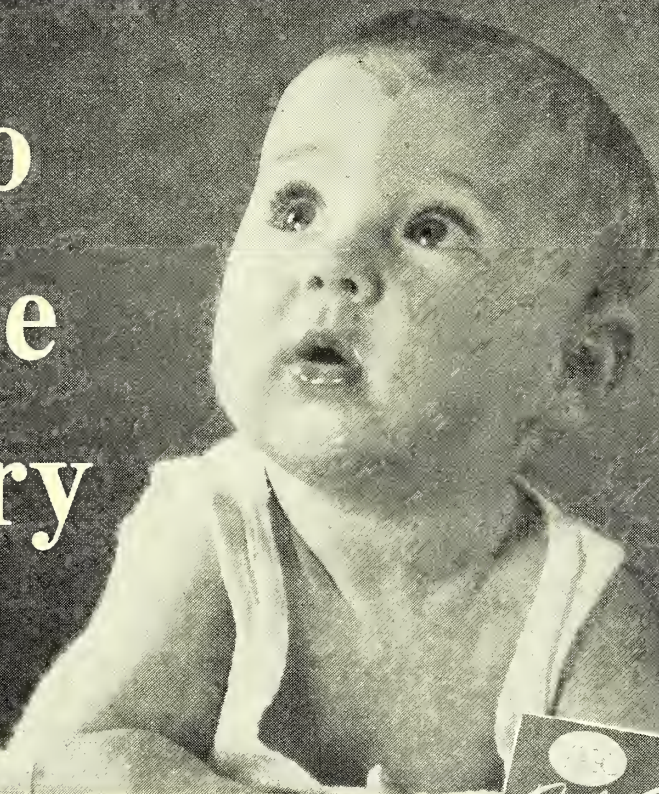
SULPHA DRUGS in  
Powder and Tablet form

**M. W. HARDY & CO. (OVERSEAS) LTD**  
PINNERS HALL · GT. WINCHESTER STREET · LONDON · E.C.2

Telephone : London Wall 7131 (10 lines)  
Cables : Hardichem, London



# Li-lo in the nursery

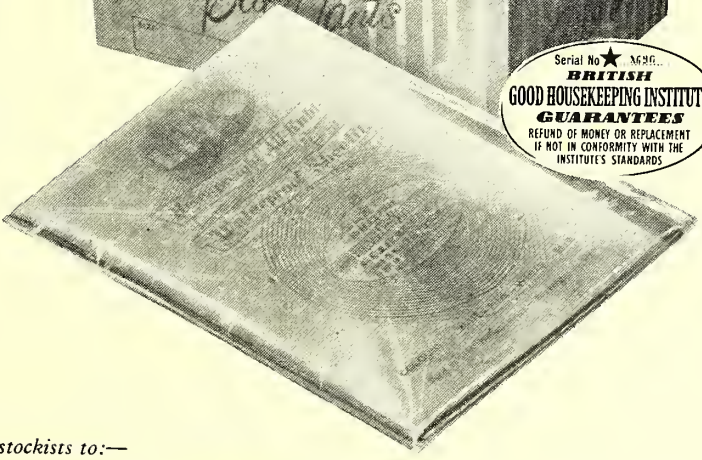


There's a steady demand for these safe, reliable goods by Li-Lo—the name mothers can trust.

**BABY PANTS** in satin embossed pearl white film with elastic or open leg, and Li-Lo "Snappifit" with elastic leg and side fastenings (both awarded the Good Housekeeping Institute Seal). Also superfine white rubber, with elastic leg. All individually packed and in counter displays of one dozen.

**WATERPROOF SHEETING**—all-rubber, in cut pieces 5"x27" or 27"x18" envelope-packed for hygiene, guaranteed by Good Housekeeping Institute Seal. In white, pastel blue and pink. Also in 25 yd. rolls, 36" wide—same colours, plus surgical red.

**STANDARD D/F WATERPROOF BED SHEETING** 17 oz. finished weight. White and surgical red, 36" wide rolls of approx. 25 yards.



Serial No. 16216  
**BRITISH**  
**GOOD HOUSEKEEPING INSTITUTE**  
**GUARANTEES**  
REFUND OF MONEY OR REPLACEMENT  
IF NOT IN CONFORMITY WITH THE  
INSTITUTE'S STANDARDS



unable to obtain from usual wholesaler, write for list of stockists to:—

**B. COW & COMPANY LTD. 12 HAY HILL BERKELEY SQUARE LONDON W.1**

# Edible **BONE** Phosphate

Presents

## CALCIUM and PHOSPHORUS IN THEIR MOST READILY ASSIMILATED FORM

Available as a white, sterile, free-flowing powder in 200, 100, and 50 mesh.

- FULL PARTICULARS, SAMPLES, AND PRICES ON REQUEST.

**CALFOS LTD.,** IMPERIAL HOUSE, KINGSWAY, LONDON, W.C.2 • Phone: TEMple Bar 3629



**ROTER TABLETS ARE PRESCRIBED  
THE WORLD OVER**

**ROTER** *for the treatment of*  
**PEPTIC ULCER  
and GASTRITIS**

In cases of chronic gastric and duodenal ulcer, it often happens that a course of Roter tablets obviates the need for surgical measures or hospitalisation. Roter therapy can also be successfully applied to gastritis and minor stomach disorders.

Roter tablets are constantly advertised to the medical profession, and prescribing is rapidly increasing. Supplies are obtainable from your usual wholesaler.

**F.A.I.R. LABORATORIES LIMITED**  
179 Heath Road, Twickenham, Middlesex  
Telephone: POPesgrove 2028

**PACKINGS**

*Retail prices including P.T.*

Trial size, 40 tablets, 7/2d.  
Standard size, 120 tablets,  
20/7d. Full treatment size,  
640 tablets, 103/-d. Dis-  
pensing Packs, 720 tablets,  
P.T. exempt.

ROTER contains  
NO NARCOTICS  
and has  
NO SIDE-EFFECTS

**D C (B) L products are distributed as follows**

**PHARMACISTS IN RETAIL PRACTICE**

<p><i>DC(B)L pharmaceutical products may be obtained through wholesalers or direct from these pharmaceutical houses, who act as our "Initial Distributors."</i></p>	<p>ALLEN &amp; HANBURYS LTD. <i>Bethnal Green, London, E.2.</i></p>	<p>THE BRITISH DRUG HOUSES LTD., <i>Graham Street, City Road, London, N.1.</i></p>	<p>BURROUGHS WELLCOME &amp; CO., <i>193 Easton Road, London, N.W.1.</i></p>	<p>EVANS MEDICAL SUPPLIES LTD., <i>Speke, Liverpool, 19.</i></p>	<p>IMPERIAL CHEMICAL (PHARMACEUTICALS) LTD., <i>Fulshaw Hall, Wilmslow, Manchester.</i></p>	<p>PHARMACEUTICAL SPECIALITIES (MAY &amp; BAKER) LTD., <i>Dagenham, Essex.</i></p>
Sodium Penicillin G	X	X	X	X		X
Potassium Penicillin G <i>(buffered)</i>	X	X	X	X		X
'Distavone'	X	X	X	X		X
'Distivit' B12			X	X	X	
'Distaquaine' products	X	X	X	X	X	X
All other pharmaceutical products	X	X	X	X	X	X

'Distafeed' Penicillin Supplement }  
 'Distafeed' Riboflavin Supplements } *These animal nutrition products are obtainable through wholesalers only.*  
 'Distafeed' Vitamin B12 Supplement }

**W H O L E S A L E R S**

Pharmaceutical products—Wholesalers should order our pharmaceutical products from "Initial Distributors" (see above)

'Distafeed' brand animal nutrition products—Wholesalers should order 'Distafeed' products direct from us

If in difficulty contact us direct or through our representative

*All names printed in single quotes are trade marks, the property of*

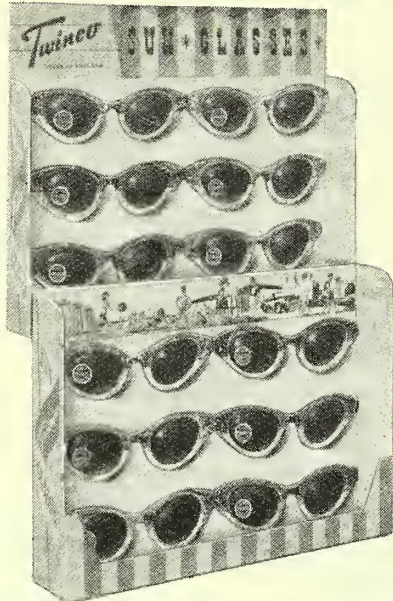
**THE DISTILLERS COMPANY**  
*(Biochemicals) Limited*



DEVONSHIRE HOUSE, PICCADILLY, LONDON, W.1

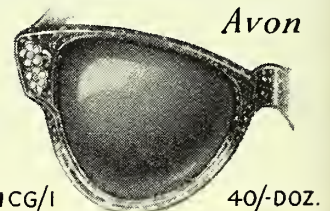
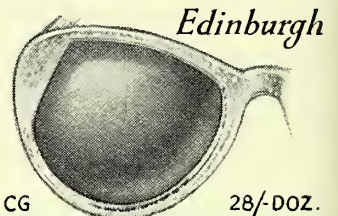
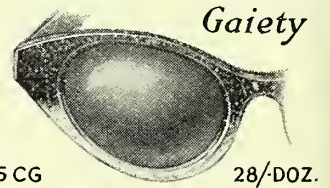
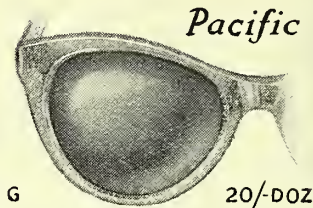
*new* **DESIGNS** *Twincor* *new* **DISPLAYS**  
**SUN GLASSES**

**1955**

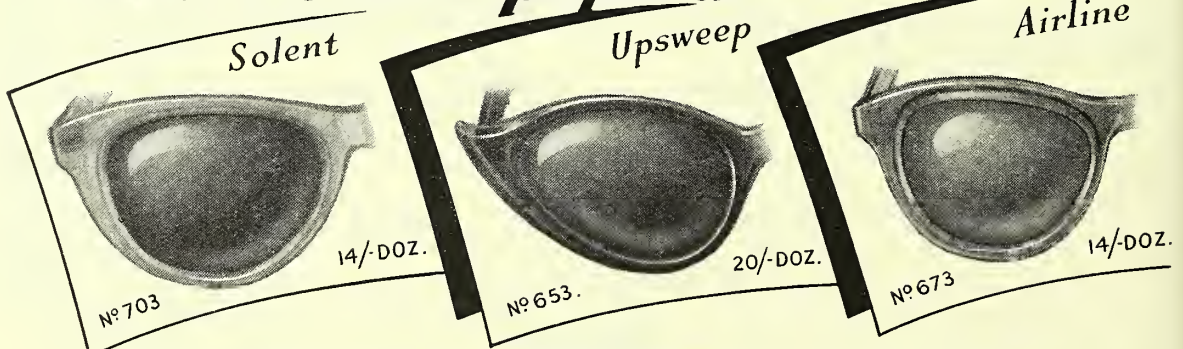


Any one of the four new glitter styled sun glasses on the right is supplied in this compact four colour display already made-up for selling. Size  $15\frac{1}{8} \times 8\frac{7}{8} \times 4\frac{1}{2}$  in.

GIVES FULL VALUE FOR SPACE USED



*and the ever popular*



FULL CATALOGUE ON REQUEST FROM YOUR WHOLESALER

Manufacturers:

**JARRETT, RAINSFORD & LAUGHTON LTD.**  
WARSTOCK ROAD, BIRMINGHAM 14

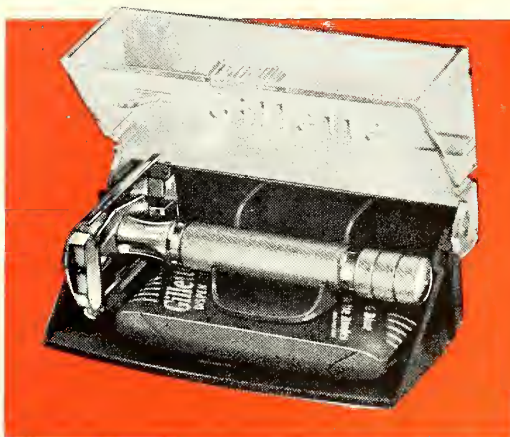


£50,000 is the sum being spent by Gillette in June and July to back you this holiday season. It will be the most concentrated campaign ever for the 'Rocket' Razor Set. And this porter is the figure who will appear in all the advertising—in newspapers and magazines, on posters, on the cinema screens. Use the special display material Gillette have designed to attract to *your* shop the men who will see this advertising.

# Gillette

SUPERSPEED

SHAVING



# TRESS Sales are mounting- week by week...

**STOCK IT...  
DISPLAY IT...  
SEE HOW IT SELLS!**

**TRESS**  
The new kind  
of wave-set  
that's  
leading the  
field.



**TRILL**  
The new brush-on hair beautifier  
for dry and broken hair.



**COLORAL**  
HAIR COLOUR RINSE

GOLDEN LTD · Now at 7 GROSVENOR ST · LONDON W1 · HYDe Park 1671

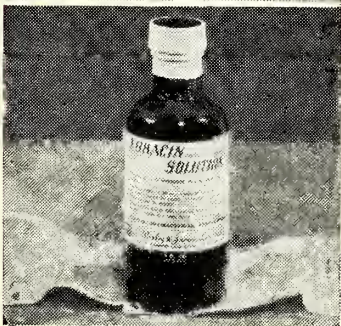


**FOR THE TREATMENT**  
**AND**  
**PREVENTION OF *INFECTIO*N**  
 in wounds, burns, etc.



**'FURACIN' SOLUBLE  
OINTMENT**

*(Formerly 'Furacin' Soluble Dressing)*  
 in 1-oz. tubes, and 4  
 and 16-oz. jars



**'FURACIN' SOLUTION**

in 2, 4, and 16 fl. oz. bottles



**'FURACIN' EAR  
DROPS**

*(Formerly 'Furacin' Ear Solution)*  
 in 1 fl. oz. bottles  
 with dropper

***FURACIN***

TRADE MARK

the potent antibacterial specifically designed for local application

MENLEY & JAMES, LIMITED, COLDHARBOUR LANE, LONDON, S.E.5

Tel: BRixton 7851

FT54\*

*The name that guarantees accuracy*

- CLINICAL THERMOMETERS
- HOUSEHOLD THERMOMETERS
- INDUSTRIAL THERMOMETERS

**G · H · ZEAL  
LTD**

LOMBARD ROAD · MORDEN  
ROAD · LONDON · S·W·19

Telephone : LIBERTY 2283 4-5-6 and 4201  
Cables : " Zealdom " London

**ZEAL** BRITISH MADE

**CLINICALS**

## PERSONAL WEIGHING MACHINE

NO LOOSE WEIGHTS

These machines are manufactured in our Works at Edmonton, London, N.18, and comply with the British Standard Specification and all Weights and Measures By-laws.

They are strongly constructed and finished in white enamel and are fully guaranteed for twelve months.

Their design and the fitting of the latest hardened steel Knife Edges and self aligning Bearings ensures continuous accuracy of weighing for many years.

A full range is available including our Combined Baby and Toddler Scale which has been the means of greatly increasing the sale of Baby Foods and kindred products in Chemists throughout the Country.

*Hire Purchase Terms are available*



*Please send for illustrated Brochures*

**HERBERT & SONS LTD.**

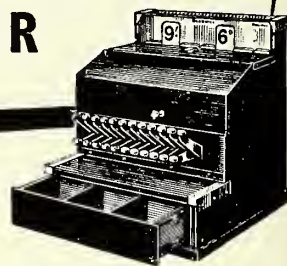
38 Charterhouse Street, London, E.C.1.

Telephone : CLE 2812

2/4 Clarendon Street, Oxford Road, Manchester, 15

Telephone : CENTRAL 5567

## AN INFALLIBLE CASHIER



The success or failure of any business is revealed in figures.

Accuracy in accounting is as important to the small retailer as it is to a large Limited Company. For any retail establishment where numerous cash transactions have to be recorded and accurately totalled there is nothing to surpass the trouble-free operation of the GLEDHILL Cash Register.

Full Information about this reliable time-saving equipment and the model to suit your business is in the Illustrated Catalogue which will be sent on request.

*Don't guess—get a Gledhill*

*British made for 60 years*

HIRE PURCHASE TERMS AVAILABLE

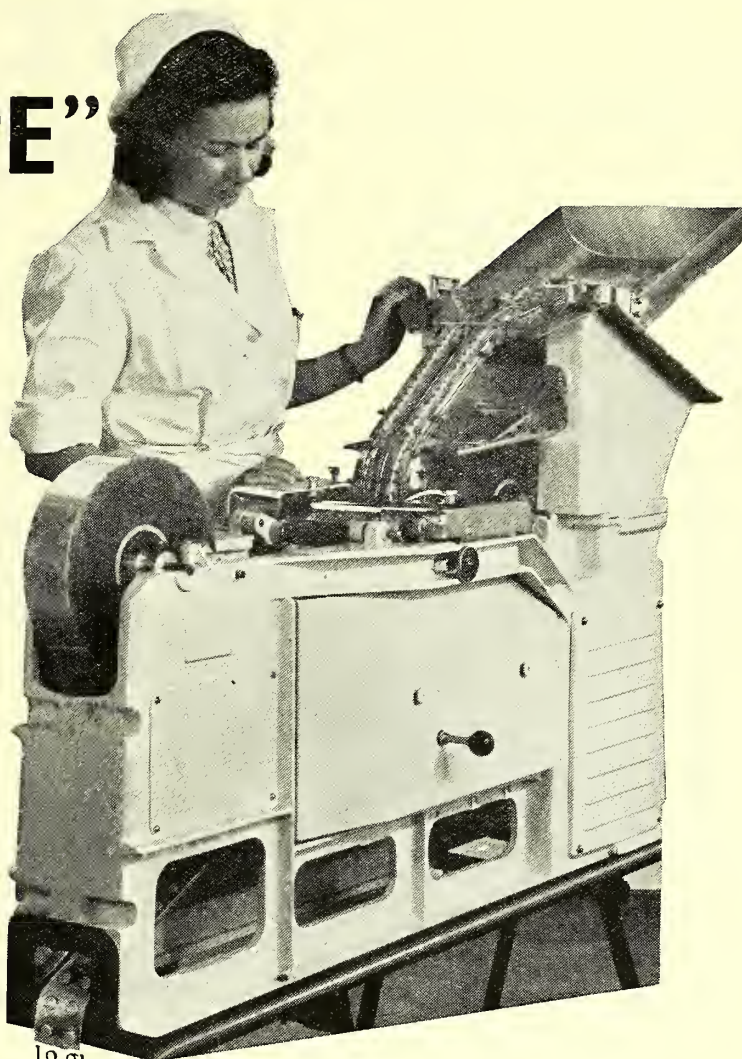
G. H. GLEDHILL & SONS LIMITED, 28 TRINITY WORKS, HALIFAX.

# THE "CLINITAPE"

## Fully Automatic STRIP PACKAGING MACHINE

### for tablets, pills & capsules

**VERSATILE AND  
EFFICIENT WITH  
SIMPLICITY AND  
LOW COST  
OF OPERATION**



*Production model supplied with interchangeable roller units to pack tablets from 3/32" to 5/8" diam. in three sizes of pocket.*

For packaging 240 tablets per minute in individual compartments in practically any heat-sealing film or foil. The product is gently handled by the machine, thus avoiding marring and breaking.

*Full details and descriptive literature from the Sole Manufacturers*

## **MORGAN FAIREST LTD.**

**CARLISLE STREET, SHEFFIELD 4**

Telephone : 28751 (4 lines)

Telegrams : FAIRWAY, SHEFFIELD

Supplied in conjunction with — **VISUAL EFFICIENCY LTD.** VICTORIA VILLAS, RICHMOND, SURREY

**THE new 465**



RETAIL PRICE  
**£25**

has now  
**'TAKEN THE FLOOR'**

This outstanding new Barber Model, of quite unique design, incorporates features most sought by your customers.

Special features include:-  
**FULLY ADJUSTABLE HEAD**, any height (or angle) 5' 6" and 3' 4".

**VERY STABLE EQUIPMENT**, ensures complete mobility without upset.

**VISUAL NEON INDICATOR**, shines immediately lamp is connected to live mains.

**NO EXPOSED ELECTRICAL CONTACTS.**

*...for the first time* **3 STAGE CONTROL**  
**ULTRA-VIOLET** (125w. High Pressure Pure Fused Quartz Mercury Vapour)  
**or INFRA-RED** (425 w.) **or LUMINOUS HEAT** (625 w.)



Supplies now available from approved Wholesale Distributors  
FOR FURTHER DETAILS, WRITE FOR DESCRIPTIVE LITERATURE PUBLICATION No. 103/55.

Produced under rigid laboratory control by

**BARBER**  
**ELECTRICAL SERVICES LTD.**  
**BIRMINGHAM, 16.**

Telephone: Edgbaston 3511 (P.B.X.) Telegrams: Borberlamp, Birmingham, 16.

**The shaving brush with the TWO YEAR guarantee...**

We cordially invite you, when in London to visit our showrooms at:-  
**92 Regent Street, London, W.1**  
(one minute from Piccadilly Circus)  
and see our range of 250 Pure Bristle and Pure Badger Shaving Brushes to suit all markets



Please ask your wholesaler for particulars of our special offers.

Write for illustrated brochures and price lists  
**THE PROGRESS SHAVING BRUSH CO. LTD.**  
Mottram St., Stockport, Eng. 92 Regent St., London, W.1

**PEG BOARD BRACKETS**  
for YOUR business

We have all the correct peg board brackets for displaying the goods you sell. There are many kinds to choose from. Our brackets are supplied in bronze and silver zinc finishes, from 15/- per doz.

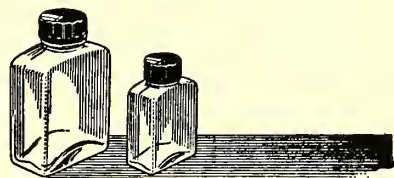
**PEG BOARDS**  
First quality. Stove enamelled in black, white, cream, green, burgundy. 8ft. x 4ft. from 56/-.

In natural colour, undecorated, from 25/-. Fluorescent letters for peg boards, from 48/- per doz.

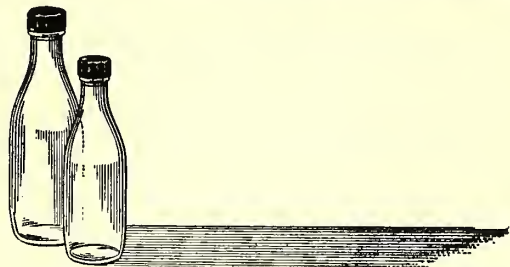
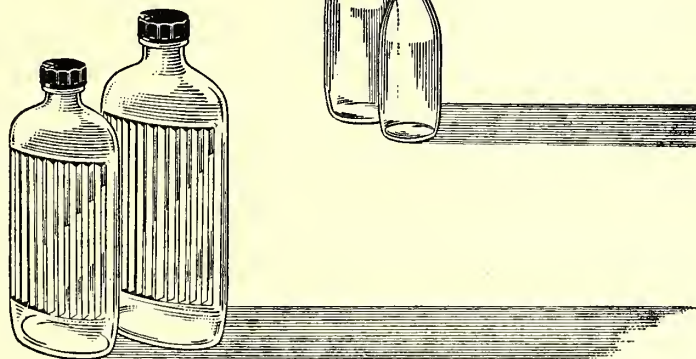
**CHURCH & CO. (FITTINGS) LTD.**  
36 MINSTER STREET, READING  
Telephone: READING 2035/6  
LEEDS—17 Belgrave Street, Leeds 1  
GLASGOW—77 Queens Street, Glasgow C.1  
Agent for Northern Scotland—C. T. A. Winram, 121 Crown Street, Aberdeen. 1753

Pack to attract....

The discerning Pharmacist demands a container which combines attractive appearance with sound functional design. Beatson Bottles are produced especially to satisfy both these requirements—they look well, store well, handle well, pour well—Beatson Medicals, Panels, Ribbed Ovals, Emulsions, Tablets, Olive Oils, Corbyns and in fact every bottle used in Pharmacy is the better for being "BEATSON."



...in Beatson bottles



**BEATSON, CLARK & CO. LTD.**

GLASS BOTTLE MANUFACTURERS

**ROTHERHAM**

Established 1751

**YORKS.**





*Enthusiastic Demand*  
for the  
**IP'K IF'CO**  
electric shaver

Urgent demands from Retailers and Wholesalers . . . a continual flow of unsolicited letters of appreciation from public and trade . . . evidence of the resounding success of this superior Dry Shaver.

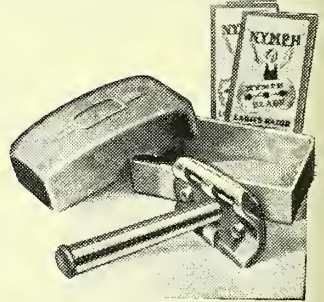
Well-planned National advertising has been definitely booked for the whole of 1955. Attractive Showcards and Leaflets will keep the enthusiastic demand steadily increasing. The precision, efficiency, and superbly attractive appearance of the Pifco Shaver will keep sales soaring. AND note the attractive retail price . . . only 79/6 including tax, in plastic case and packed in attractive carton.



RETAILERS: Order now from your usual factor.  
WHOLESALEERS: Write now for details of the full PIFCO range.  
**PIFCO LTD., WATLING STREET, MANCHESTER, 4**  
and at 36-37 UPPER THAMES STREET, LONDON, E.C.4

*It sells on sight!*

Don't miss  
this ready  
profit-maker  
If displayed  
on your counter  
quick sales  
are certain



**Nymph**

*ladies' safety razor*

Backed by national full-colour advertising

Every woman is a possible buyer of this dainty toilet accessory. Reasonably priced at 3/6 to ensure spontaneous purchase!



Complete in moulded case with 2 blades, in PINK, BLUE, GREEN. "Nymph" Blades in cartons of 6 blades, 1/5.

Obtainable from your usual wholesaler.

A PRECISION-MADE **SOUPLEX** PRODUCT

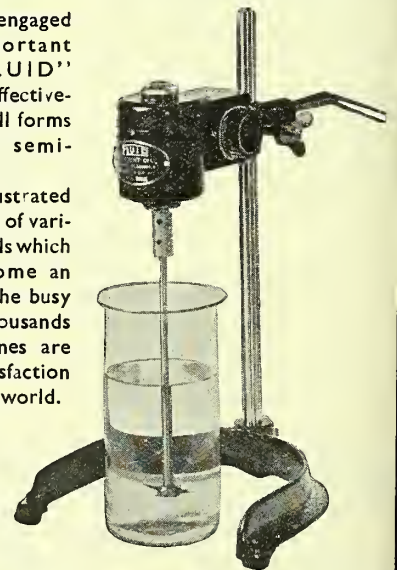
**SOUPLEX LTD., MORECAMBE, LANCs.**

**time saver**

*for the busy pharmacist*

While you are engaged on more important matters "FLUID" STIRRERS will effectively stir and mix all forms of liquid and semi-liquid.

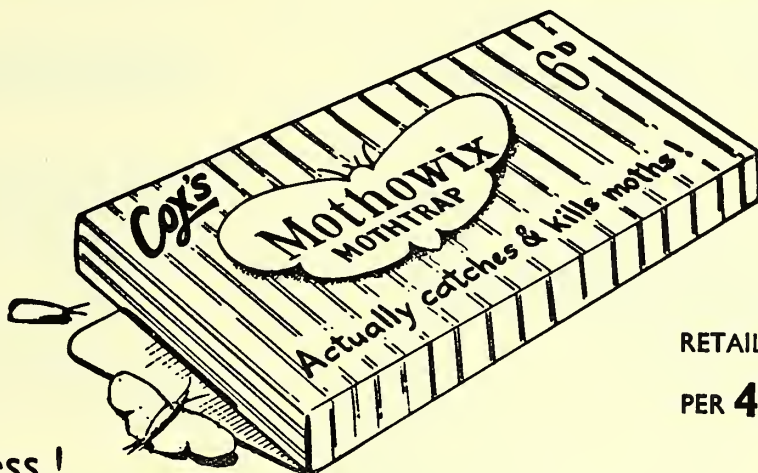
The machine illustrated is one of a range of variable speed models which have now become an ESSENTIAL to the busy Pharmacist. Thousands of these machines are now giving satisfaction throughout the world.



**FLUID EQUIPMENT CO. LTD.**

83, SEAFIELD ROAD, LONDON, N.11. Tel: ENTerprise 2565

# “MOTHOWIX” MOTHTRAP



RETAILS AT **6<sup>d</sup>**  
PER **48/-** GROSS

- ★ Odourless !
- ★ Actually catches and kills moths !

order with

# Cox's

THE ORIGINAL

## D.D.T. FLYCARDS

Cox's 3d.	D.D.T. FLYCARDS (THE ORIGINAL)	...	24/-	PER GROSS
Cox's 3d.	D.D.T. CHIMPS...	...	24/-	.. ..
Cox's 4d.	D.D.T. PARROTS	...	32/-	.. ..
Cox's 4d.	D.D.T. ROSE BASKETS	...	32/-	.. ..
Cox's 6d.	MOTHOWIX MOTHTRAPS	...	48/-	.. ..

LESS 2½% MONTHLY ACCOUNT

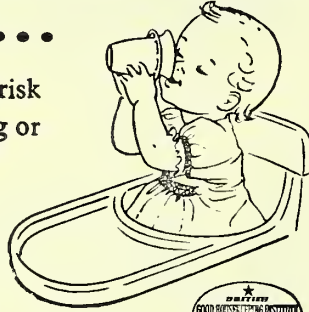
**BONUS TERMS—10<sup>0</sup>% ON ORDERS FOR 3 GROSS**

THIS OFFER APPLIES TO ORDERS FOR FLYCARDS AND MOTHOWIX  
IN ANY ASSORTMENT

JAMES COX & CO., D.D.T. WORKS, STH. HARROW, MIDDLESEX. Telephone: BYRON 4326

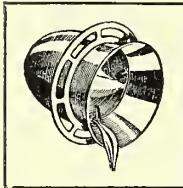
# Teach Baby to drink Correctly...

—head back without risk  
of choking, spluttering or  
mess with the



**NEW**  
*translucent,  
unbreakable*

## Teacher Beaker



**REGD.**  
This new flexible and hygienic Beaker is specially designed to pour at just the right speed and correct angle for drinking. The covered-over top retains heat and keeps out dirt, and the special protective ring makes it easy to hold and practically spill-proof. It is designed with a push-on top, which makes the Beaker easy to fill and clean. Made in blue, pink and natural and sold in attractive gift boxes.

Wholesale 36/- per doz. Retail Price 4/6d. each.

The original opaque Teacher Beaker still available.  
Wholesale 31/4d. per doz. Retail Price 3/11d. each.

Advertised in National Publications

Manufactured by: J. L. CAPLIN, LTD.,

178-180, Homerton High St., London, E.9. Telephone: AMHerst 1396



# QUILLAYA

# BUCHU

# RAUWOLFIA

# Serpentina

# Benth

and all other Botanicals, Gums,  
Waxes, Essential Oils and Spices

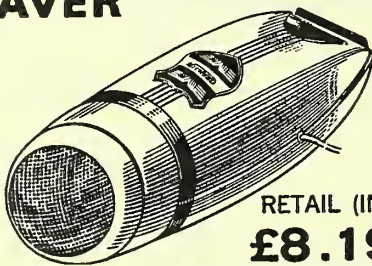
## JOHN KELLYS (LONDON) LTD.

24 OLD BROAD STREET, E.C.2

Telephone: LONDON Wall 6585 (4 lines)  
Telegrams: " Ergotine, Stock, London "

NEW YORK • HAMBURG

?  
**ARE YOU SELLING**  
**SWITZERLAND'S FINEST**  
**SHAVER**



RETAIL (IN U.K.)  
**£8.19.0**

**RICHARD**

SWISS HIGH PRECISION

## ELECTRIC SHAVER

Through your usual wholesaler  
or direct from **B. H. RIES LTD.**

19-21 HATTON GARDEN, E.C.1



people prefer

# Warmabed

## ELECTRIC BLANKETS

*because* of their superior construction and unfailing reliability—because they are of 100% pure wool in lovely pastel shades and of course, because they carry the Good Housekeeping Seal of Efficiency.

**SALES AIDS**

Ask for list of window displays, P.V.C. stickers, Showcards, Posters and Folders available for every Stockist.

**NATIONAL ADVERTISING**

Will continue to increase the demand for Warmabed Electric Blankets.



Write for Catalogue and trade terms

## MODERN ELECTRICAL INDUSTRIES LTD.

KNOTTINGLEY, YORKSHIRE

Tel.: Knottingley 51. Grams and Cables. "Warmabed, Knottingley"



**Sell your customers a comb they can trust**



TAIL COMB 8" 284/8

THE PRINCE OF WALES 5" 2297/5



THISTLE, LADIES' DRESSING COMB 7 1/2" 1553/7 1/2



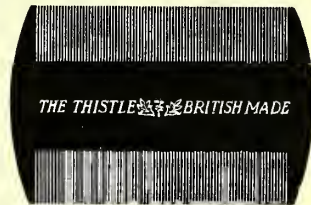
MILITARY 7" 1007/7

You make profits *and* create goodwill when you sell North British Vulcanite Combs, because they are —

- Sterilisable ● Hygienic
- Tough and flexible in use
- Quality-made for long life
- Easy to keep clean
- Kind to the scalp



EXPRESS, SMALL TOOTH 3" 611/3



THISTLE, SMALL TOOTH 3" 677/3



*Vulcanite*  
COMBS

There's a complete range of North British Vulcanite Combs for men, women and children. Full details from your usual Wholesaler, or send for illustrated leaflet to:—

THE NORTH BRITISH RUBBER CO. LTD · CASTLE MILLS · EDINBURGH 3

**Progallin BU**  
Butyl Gallate

**Progallin O**  
Octyl Gallate

**Progallin LA**  
Dodecyl - (Lauryl) - Gallate

**Progallin P**  
Normal Propyl Gallate (BPC)

**Progallin A**  
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**Progallin CE**  
n-Hexadecyl - (Cetyl) - Gallate

**PROGALLIN**  
Regd. Trade Mark  
antioxidants for fats and oils including Essential Oils.

The powerful and harmless

These antioxidants have a wide range of application to protect oils, fats and other oxidisable products from early rancidity caused by autoxidation and peroxide formation.

Our Service Dept. will gladly co-operate with you on all technical problems.

NIPA LABORATORIES LTD, TREForest INDUSTRIAL ESTATE, Nr CARDIFF · Tel TREForest 2128/9  
Sole distributors for the United Kingdom  
P. SAMUELSON & CO, ROMAN WALL HOUSE, 1 CRUTCHED FRIARS, LONDON EC3 · Tel ROY 2117/8

**Nationally  
Advertised  
sure-selling  
SOL-NAP  
brings you  
better  
business**

Starting early June, compelling advertisements for Sol-Nap Disposable Napkins will be appearing in five leading women's magazines\*—five magazines which place particular emphasis on the care of babies. Each advertisement will tell the reader all about Sol-Nap; tell her why she should use them; and,



most important of all, tell her where she should buy them—from *you* her local chemist. Such influential advertising means increasing sales of Sol-Nap and extra business for the go-ahead chemist. Make sure of *your* share of this extra business; order NOW—Do not miss sales! Packet of 12 Nappies 2/- retail. To the trade 18/6 per dozen.

\*Home Chat, Home Notes, Mother & Home, Nursery World, Women's Pictorial.

**SOL<sup>UBLE</sup>NAP<sup>REGD.</sup> PY**

GAUZE COVERED SOLUBLE DISPOSABLE NAPKINS  
INDISPENSABLE TO YOUR SERVICE TO MOTHERS  
HOLIDAYING · TRAVELLING · VISITING · SHOPPING  
NO MORE CARRYING OF SOILED NAPPIES

Made by:  
M. MERICA & CO., LTD.,  
20 SHAW ROAD, OLDHAM, LANCs.



*for fine chemicals  
especially :*

ASPIRIN B.P. "FRE-FLO"  
SALICYLIC ACID B.P. & TECH.  
SODIUM SALICYLATE B.P.  
SALOL B.P.C.  
VANILLIN 100%

**H. W. GRAESSER-THOMAS LIMITED**  
49 LEADENHALL STREET,  
LONDON E.C.3  
TELEPHONES: ROYAL 3011-6111



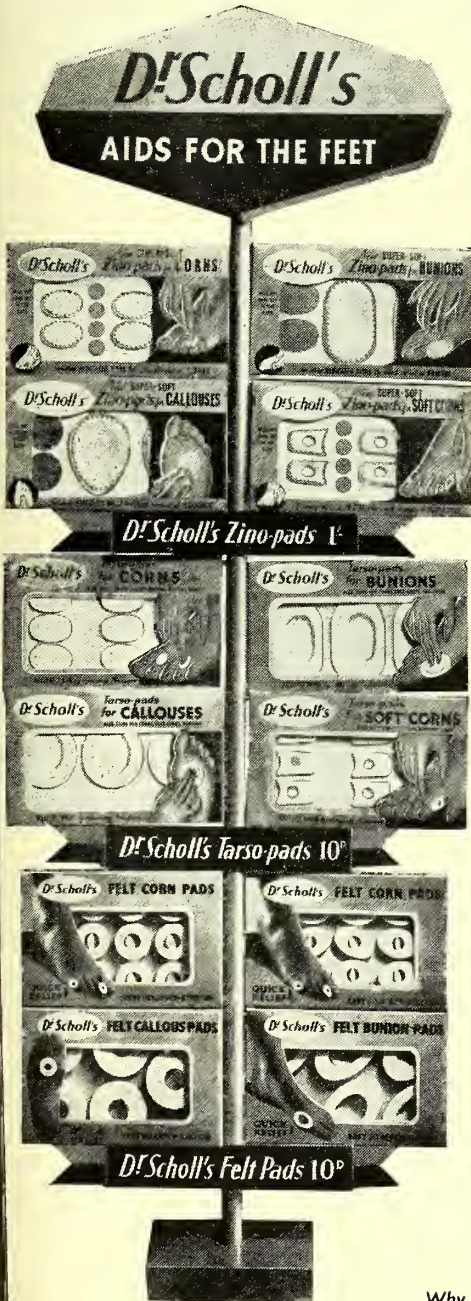
**IMPORTERS AND SUPPLIERS  
OF  
PHARMACEUTICALS**

SODIUM para AMINO SALICYLATE  
ISONICOTINIC ACID HYDRAZIDE  
FERROUS GLUCONATE  
NICOTINAMIDE  
GLYCINE

**HALEWOOD CHEMICALS LTD**  
111-115 EASTBOURNE MEWS  
LONDON, W.2  
AMBassador 4198-5457

# THE SEASON IS HERE!

## Show FOOT AIDS Now!



Foot Aids bring quick sales and pay handsome profits at this time of the year.

Display Dr. Scholl's Aids For the Feet prominently in your window and on the counter and you will be amazed at the results. Many customers who suffer from foot troubles need more than one Dr. Scholl foot aid! Your display will show them the foot relief that can be theirs, and remind them to purchase *all* the foot aids they need!



THE BIGGEST ADVERTISING CAMPAIGN EVER UNDERTAKEN FOR FOOT AIDS IS CREATING A CONTINUOUS DEMAND FOR THESE PROVED FAST SELLERS.

### **Dr. Scholl's** ZINO PADS

for Corns, Callouses, Bunions, Soft Corns.

Dr. Scholl's AIR-PILLO INSOLES.

Dr. Scholl's BALL-O-FOOT CUSHIONS.

Dr. Scholl's FOOT POWDER.

Dr. Scholl's ONIXOL FOR INGROWN NAIL

Dr. Scholl's PEDICREME.

Dr. Scholl's BUNION REDUCER.

Dr. Scholl's TOE FLEX.

Why not make a FOOT COMFORT CORNER in your Pharmacy?

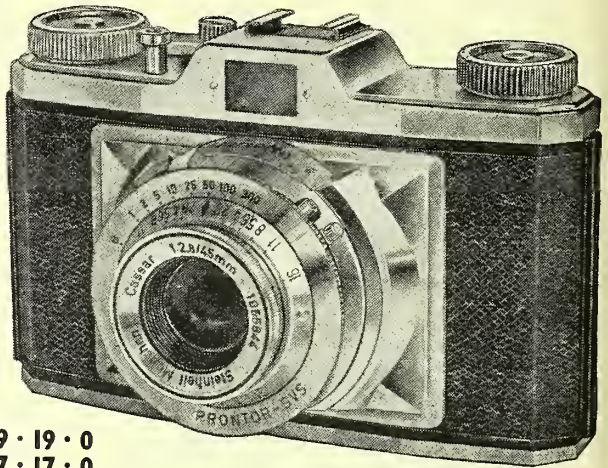
THE SCHOLL MFG. CO. LTD., 182/204 St. John Str., London, E.C.1

# Amazing Value!

**F/2.8 Steinheil-Cassar lens  
Prontor S.V.S. Shutter, Lever Wind  
for £19 · 19 · 0**

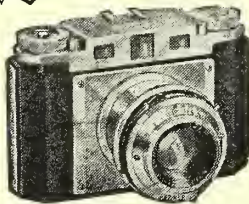
Manufactured by the makers of the famous Paxette, the Gloriette takes 35mm. film and is fitted with Steinheil - Cassar f/2.8 lens, lever-wind, delayed action device, flash synchronised S.V.S. shutter, body release, etc.

Display stands and leaflets available to stockists.

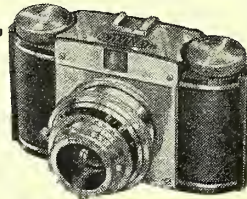


## G L O R I E T T E

with 8-speed Prontor S.V.S. shutter £ 19 · 19 · 0  
with 4-speed Pronto shutter £ 17 · 17 · 0



**GLORIA 2½" x 2½"**  
Rangefinder Camera  
Pronto 4-speed £18 · 18 · 0  
Prontor S.V.S. £21 · 17 · 6



**PAXINA 29 2½" x 2½"**  
Pronto 4-speed £14 · 14 · 0  
Prontor S.V.S. £17 · 17 · 0

**PAXETTE I 35 mm. £21 · 17 · 6**  
**PAXETTE Im 35 mm. £24 · 15 · 0**



## NEVILLE BROWN & CO., LTD.

77 NEWMAN STREET, LONDON, W.1 Tel.: LANGham 7161 (10 lines)



"Sweetheart" "Drinkrite"  
**DRINKING STRAWS**  
special **SMALL PACKS** of 50 and 100 straws.  
Order now and **INSIST** on these brands for **QUALITY**.  
**HYGIENIC DRINKING STRAWS CO. LTD.**,  
College Road, Fishponds, Bristol

RECOMMENDED FOR NERVES FOR OVER 70 YEARS

**Dr. NIBLETT'S  
NERVE  
SEDATIVE**

Retail price 6s. per bottle  
including purchase tax.

**C. P. NIBLETT** 10 LICHFIELD TERRACE, RICHMOND, SURREY  
Telephone: RICHmond 3221

# "ROADMASTER" NIGHTDRIVING GLASSES

—the new accessory that  
every Motorist wants!

Manufacturers: **FISH OPTICAL CO. LTD.\***  
McNeish House, 261 HARROW ROAD, LONDON, W.2  
Tel.: CUNNINGHAM 8318 & 8267  
★Makers of the world-famous 'SUNGARD' Sunglasses

# FLYPAK

*kills flies cleanly!*

4/- per doz. (minimum order 3 doz.)

## SPECIAL BONUS OFFER

An order for 1 gross or more received by  
**31st MAY, 1955**  
brings you an **EXTRA 5% DISCOUNT**

Sole Distributors:

**DALMAS LTD., JUNIOR STREET, LEICESTER.** Telephone: 65261

Also 140/142 St. JOHN STREET, LONDON, E.C.1. Telephone: CLERkenwell 3399

# LUCOZADE uses the full power of the PRESS!

(SEE with 11,000,000 other readers this half page advertisement)

**THEY'RE FULL OF LIFE ON LUCOZADE—**

## LUCOZADE

*replaces lost energy!*

WHAT DOCTORS SAID LAST WINTER... STANDS GOOD FOR SUMMER TOO!

**A PLACE IN THE BACK OF THE CAR**  
 When you don't get a supply of Lucozade in your car, it's the worst of times. The car is empty of energy and you're stuck in traffic. Lucozade is the perfect answer to this problem. It's always on hand when you need it. It's always ready to go.

**A PLACE ON THE TABLE**  
 Lucozade is the perfect drink for the table. It's always on hand when you need it. It's always ready to go.

**A PLACE IN THE HOLIDAY**  
 Lucozade is the perfect drink for the holiday. It's always on hand when you need it. It's always ready to go.

**A PLACE ON THE BEACH**  
 Lucozade is the perfect drink for the beach. It's always on hand when you need it. It's always ready to go.

**A PLACE IN THE SHOP**  
 Lucozade is the perfect drink for the shop. It's always on hand when you need it. It's always ready to go.

**We receive letters like this every week**

*"I received your advertisement in the Daily Express and I was very interested to see that you were advertising Lucozade. I have been taking Lucozade for some time and I find it very helpful in many ways. I have been feeling very tired and weak lately and I have noticed that I am much better after taking Lucozade. I have also noticed that I am much more energetic and I am able to do my work much better. I have also noticed that I am much more cheerful and I am able to enjoy my life much more. I have also noticed that I am much more healthy and I am able to resist many of the common ailments of the summer months. I have also noticed that I am much more active and I am able to enjoy my life much more. I have also noticed that I am much more energetic and I am able to do my work much better. I have also noticed that I am much more cheerful and I am able to enjoy my life much more. I have also noticed that I am much more healthy and I am able to resist many of the common ailments of the summer months. I have also noticed that I am much more active and I am able to enjoy my life much more."*

**LUCOZADE**  
*the sparkling glucose drink*

### Half page



## DAILY EXPRESS MAY 31st.

Not just the odd insertion as an occasional reminder to some of the public, but a mighty national campaign, with spaces like this, hitting its message home to your public, wherever they may live — hitting it home constantly in every available selling media throughout the year. It's exciting, the way this wonderful product

has gone from strength to strength since its inception. It has captured the nation's imagination and, today, has a faithful following of many millions; a following which increases all the time; a following which takes notice of display! In fact, a good display in your shop can make a difference of dozens every week. Prove it for yourself, this week.

### THE RESULT SHOWS ITSELF in unparalleled profit-making demand!

Send your orders and enquiries to: Beecham Foods Ltd., Beecham House, Great West Road, Brentford, Middlesex.

  
 The  
**CHEMIST AND DRUGGIST**  
**CLASSIFIED ADVERTISEMENTS**  
 Supplement

28 ESSEX STREET, STRAND, LONDON, W.C.2

## ORRIDGE & COMPANY

**184 STRAND, W.C.2**

Tel.: TEMple Bar 9212/3 & 6340

**CHEMIST BUSINESS TRANSFER AGENTS AND VALUERS WHOLESALE AND RETAIL**

**BRANCHES: BIRMINGHAM · SOUTHAMPTON · LIVERPOOL · SHEFFIELD · CARDIFF**

**Irish Representative: Mr. J. A. Bassett, Ph.C., 57 Great Victoria Street, Belfast, Northern Ireland. Tel: Belfast 27078**

### TENDERS

**CITY OF WORCESTER  
NEWTOWN No. 2 HOUSING ESTATE  
LETTING OF SHOPS AND LIVING  
ACCOMMODATION**

Tenders are invited for a three-year lease of each of two shops in Lichfield Avenue, one of which would be suitable for the business of chemist. Further particulars may be obtained from the Town Clerk, Guildhall, Worcester, to whom tenders must be sent by post to be received not later than June 6. C 2533

### PREMISES FOR SALE

17/6 for 36 words (min.) then 4d. per word.  
Box 2/-

**AT HILLINGDON, MIDDLESEX.** Premier main-road position. Large shop with splendid living accommodation. In last stages of construction. Completes pre-war parade. Considered eminently suitable for chemist. To be sold Freehold. Apply Sole Agents: P. N. Dewe & Co., 11 Crescent Parade, Uxbridge Road, Hillingdon, Middlesex. Tel.: Uxbridge 5531-2. C 2538

**AT ICKENHAM, Middlesex, near Ruislip.** Newly erected shop with living accommodation, established trading position, middle-class district. All traders doing well. Population about 7,500, rapidly increasing. Only one other chemist in district. Freehold £5,100. Sole agents, Peckham & Partners, Long Lane, Ickenham, Ruislip 2257. C 8511

### PREMISES TO LET

**WELHAM GREEN, Nr. HATFIELD.** Excellent opening for chemist in new shops, with flats over, being erected in rapidly expanding neighbourhood. For particulars apply to C. F. Day, Ltd., 705 High Road, North Finchley, N.12. Tel.: Hillside 3611/2. C 2485

### BUSINESSES FOR DISPOSAL

17/6 for 36 words (min.) then 4d. per word.  
Box 2/-

**BIRMINGHAM.** Vendor emigrating and offers for early disposal substantial and rapidly increasing family business (with heavy photographic connection) in populous residential area; turnover for current financial year expected to exceed £18,000 with a high proportionate earning capacity; aggregate purchase price of which stock and fixtures, etc., are estimated to be worth about £7,400, will approximate £11,000, but reasonable offers will be considered; excellent opportunity. Confidential particulars to principals only upon receipt of bankers' references. Box C 8560.

**BIRMINGHAM.** Family business (mainly working class) with good optical department; based on last year's trading figures, the net profit after allowing for present staffing expenses (including Manager's salary) would have approximated £1,250; genuine reason for selling; total price approximately £4,450 including stock and fixtures estimated at £2,950; reasonable offers considered as an early sale is desired. Box C 8561.

**CROYDON.** Drug store, herbal and photo business. Main road, bus stop. Smart shop. Good living accommodation. Net profit £720. Price £850, plus s.a.v. (about £630). Owner retiring. "R," 309 London Road, Croydon. C 2409

**PEMBROKE DOCK.** Large double-fronted pharmacy in the main street, with two flats above. Long lease. Turnover has been £1,000 a month. Will accept first offer. Chemist, 56 Bush Street, Pembroke Dock. C 2535

### BUSINESSES WANTED

17/6 for 36 words (min.) then 4d. per word.  
Box 2/-

**DEVON OR SOUTH-WEST ENGLAND.** Old-established dispensing chemist's business urgently sought by keen buyer, with cash up to £10,000. Owners contemplating disposal write in confidence to Christie & Co., St. Stephen's House, Exeter. (Tel.: 59371). C 2532

### APPOINTMENTS

18/- per half-inch (min.) and pro rata.  
Box 2/-

### BOSTON COMBINED HOSPITALS (319 Beds)

**Pharmacist**  
required. Modern department. Nationally negotiated conditions and salary, at present £450 x £25(5)—£575. Apply stating age, qualifications, experience (if any) and names of two referees, to the Hospital Secretary, Boston General Hospital, Boston, Lincs. Locum welcomed for interim period, salary £14 14s. per week. C 8528

### BOW GROUP HOSPITAL MANAGEMENT COMMITTEE

**Pharmacist**  
(Part-time: 24 hours per week) required at POPLAR HOSPITAL, East India Dock Road, E.14. Rate of pay 26s. per 4-hour session. Application forms from Group Secretary, 2A Bow Road, E.3. C 8485

### CENTRAL ELECTRICITY AUTHORITY, EAST MIDLANDS DIVISION

Applications are invited for the position of Station Chemist at Staythorpe Generating station, near Newark, Notts. Candidates should be Associates of the Royal Institute of Chemistry or hold an equivalent qualification and must have had previous experience in a position of responsibility in a power station laboratory.

Candidates should be familiar with the analysis of coal, oil and water and with the interpretation and application of the analytical results. Experience with problems arising from high pressure, high temperature operation and with their solution is desirable. Salary in accordance with Class J, Grade 7 (£900-£975 per annum) of the National Joint Board Agreement and the position is pensionable within the provisions of the Central Electricity Authority and Area Boards Superannuation Scheme.

Applications should be submitted on the official form A.E.6/ACT which may be obtained from the Divisional Establishments Officer, Central Electricity Authority, P.O. Box 25, Barker Gate, Nottingham, and should be returned to the undersigned by June 7, 1955. Please quote Vacancy No. 78/55/C&D.

L. F. JEFFREY,  
Divisional Controller.  
C 8545

### BRENTWOOD GROUP HOSPITAL MANAGEMENT COMMITTEE HAROLD WOOD HOSPITAL

**Locum Pharmacist**  
required for a period of not less than four months from May 31. Duties will be mainly at Harold Wood. Salary £15 guineas per week. Residential accommodation available for female. Applications should be sent to the Group Pharmacist, Harold Wood Hospital, Harold Wood, Essex, from whom further particulars may be obtained. C 8555

### BROOK GENERAL HOSPITAL, SHOOTERS HILL ROAD, WOOLWICH

**Senior Pharmacist**  
This is an expanding hospital of 470 beds and includes Regional Centres for Neuro and Thoracic Surgery, Whitley Council salary and conditions. Apply to Group Secretary, Memorial Hospital, Woolwich, S.E.18. C 8488

### GENERAL HOSPITAL, HEXHAM, HEXHAM AND DISTRICT HOSPITAL MANAGEMENT COMMITTEE

**Pharmacist**  
Applications are invited for the above post, which is in a modern department providing a pharmaceutical service to the group (738 beds). Some small-scale manufacturing and sterilising work is done. Salary in accordance with the Pharmaceutical Whitley Council scales (£450 x £25 to £575) plus additional £25 for recognised higher qualification. Applications stating age, qualifications, experience and names of two referees to the Group Secretary, Hexham General Hospital, Hexham, Northumberland, as early as possible. C 8534

### KENT AND CANTERBURY HOSPITAL, CANTERBURY

**Dispensing Assistant**  
required in Group Pharmacy, at the above hospital, for technical duties under the direction of the Group Pharmacist. Salary scale £180 at age 18 to £435 per annum according to age and experience; holders of Certificate of the Society of Apothecaries or equivalent receive additional £15 per annum. Applications, giving details of qualifications and experience to be sent to the Group Secretary at the Hospital. C 8553

### MAIDENHEAD HOSPITAL, ST. LUKE'S ROAD, MAIDENHEAD

**Locum Pharmacist**  
required from June 13-18 and from September 26 to October 7. Applications to Hospital Secretary. C 8490

### MARSTON GREEN MATERNITY HOSPITAL, BERWICKS LANE, MARSTON GREEN, Nr. BIRMINGHAM

**Locum Pharmacist**  
required August 1 to 20, inclusive. Accommodation and full board available, if desired. Salary £15 15s. per week less £2 10s. board, etc. Applications to Secretary. C 8539

**'UNISEC'** from the Single  
Unit to the Complete Pharmacy  
WRITE FOR YOUR COPY OF THE STANDARD  
REFERENCE OF PHARMACY FITTING

**MYERS of OLD ST.**  
133 5 & 141/7 OLD STREET, LONDON, E.C.1

EST. 1883

BIS. 1941

**C. Ribbands & Sons**

*The Complete Pharmacy Fitters  
Shopfronts and Interiors*

3 RAVEY ST., BISHOPSGATE, LONDON, E.C.2.

**Appointments—Continued**

**NATIONAL PHARMACEUTICAL UNION**

require Pharmacist or widely experienced unqualified person for Information Department. Duties require an enquiring mind and the ability to deal with extensive range of enquiries on pharmaceutical, medical and allied subjects. Applications stating salary required, to Secretary, National Pharmaceutical Union, 4/5 Queen Square, London, W.C.1. C 8556

**NEWMARKET GENERAL HOSPITAL**

**Locum Pharmacist**

required for relief duty from May to September. Shorter period would be considered. Salary 7 guineas per week. Applications with full details and names of referees to Group Secretary, Newmarket General Hospital. C 8526

**ROYAL BERKSHIRE HOSPITAL, READING**

(Category V)

**Senior Pharmacist**

Group Pharmaceutical Department. Opportunities for experience in all branches. Full supporting staff. Present salary £525-£625 p.a. subject to increase on publication of latest Whitley Council award) plus extra for overtime sessions. Apply stating age, qualifications, experience and names of two referees to Group Pharmacist. C 216

**ST. NICHOLAS HOSPITAL, TEWSON ROAD, PLUMSTEAD, S.E.18**

**Senior Pharmacist**

required at this General Hospital (348 beds) with busy out-patient clinics. The department deals with a wide variety of work, Whitley Council salary and conditions. Apply to Group Secretary, Memorial Hospital, Woolwich, S.E.18. C 8487

**STOCKPORT AND BUXTON HOSPITAL MANAGEMENT COMMITTEE, STOCKPORT INFIRMARY**

**Deputy Chief Pharmacist**

Applications are invited from suitably qualified candidates for the above post which will deal especially to pharmacists interested in preparation of sterile products. Salary £575 x £25 to £675 plus £25 per annum if holding a higher qualification allowance. Applications, with full particulars, together with copies of two testimonials, or names of referees, to the Group Secretary, 59B Shaw Heath, Stockport. C 8548

**ST. PETER'S HOSPITAL, CHERTSEY, SURREY (404 Beds)**

**Pharmacist**

required. Salary and conditions of service in accordance with Whitley Scale. Accommodation available for single woman at £135 p.a. Applications stating age and experience with names of two referees to Hospital Secretary. C 8527

**SUNDERLAND EDUCATION COMMITTEE**

**THE TECHNICAL COLLEGE**

Principal: D. A. WRANGHAM, M.Sc., (Lond.), Sen. Wh.Sc., A.C.G.I., D.I.C., M.I.Mech.W.

APPLICATIONS are invited for the following posts in the Pharmacy Department:—

1. **Lecturer in Pharmaceutics**

Candidates must be graduates in Pharmacy or possess a qualification of the Pharmaceutical Society and a degree. Preference will be given to candidates who have had teaching, industrial or research experience. The successful candidate will be required to teach Pharmaceutics up to the standard required for the Bachelor of Pharmacy degree of the University of London. He will also be required to assist in the teaching of Forensic Pharmacy.

2. **Assistant in Pharmacognosy**

Candidates must be graduates in Pharmacy or hold a qualification of the Pharmaceutical Society and a degree. Industrial, research or teaching experience will be an advantage though not a necessity. The successful candidate will be required to assist in the teaching of Pharmacognosy up to the standard required for the Examination of the Pharmaceutical Society.

3. **Assistant in Physiology and Biochemistry**

Candidates must possess a degree in Pharmacy, Physiology or Chemistry. Industrial, research or teaching experience will be an advantage but not a necessity.

The successful candidate will be required to assist with the teaching of Physiology and/or Biochemistry to the standard required for the Examination of the Pharmaceutical Society and Part I of the London B.Pharm. Examination.

Salary Scales: Post 1

Men ... £965 x £25 — £1,065 per annum

Women ... £772 x £20 — £852 per annum

Posts 2 and 3

Men ... £525 x £25 — £820 per annum

Women ... £475 x £20 — £655 per annum

plus allowances for Degree and training, and increments for approved industrial experience. Duties to commence on September 1, 1955, or as soon after as possible.

Further particulars and Forms of Application may be obtained from the Registrar, The Technical College, Sunderland, co. Durham. Applications should reach the undersigned within fourteen days of the appearance of this advertisement.

W. THOMPSON,  
Director of Education.

Education Offices,

15 John Street,

Sunderland.

C 8520

**STOCKPORT AND BUXTON HOSPITAL MANAGEMENT COMMITTEE, STOCKPORT INFIRMARY**

**Locum Pharmacist**

required from May 30, 1955, to June 17, 1955. Salary £15 per week.

Applications to Group Secretary, 59B Shaw Heath, Stockport. C 8533

**WANSTEAD HOSPITAL, HERMON HILL, E.11**

**Locum Pharmacist**

required for any three consecutive weeks between June 1 and September 30, 15 guineas per week. Applications with copy testimonials to Secretary, Forest Group H.M.C., Langthorne Road, E.11. C 8554

**SENIOR CHEMIST**

Man of exceptional ability is offered a commencing salary of 25 per cent. more than present emoluments, with unlimited prospects.

The firm is a medium-sized one, internationally known marketing three leading advertised pharmaceutical products and two well-known cosmetics. Considerable expansion is planned on both cosmetic and pharmaceutical sides. Laboratories situated in Southern England.

Man required could be chief chemist from a similar firm of repute who wishes to change or an assistant not satisfied with present prospects. B.Sc. Chemistry or similar qualification essential.

Required to take responsibility for raw material control, manufacture of present products and partly for development of new products.

This is a post with an exceptional future for an exceptional man, with brains, enthusiasm and "drive." An unusual opportunity to settle down to a brilliant life-time's career.

Write fully, marking the envelope "Managing Director, Confidential," to Box C 8558.

**WEST LONDON HOSPITAL, HAMMERSMITH ROAD, W.6**

**Senior Pharmacist (Male)**

required to take charge of production, sterile preparation and stores at the above general teaching hospital, where there is a busy pharmaceutical department and a wide variety of experience is offered.

Whitley salary scales and conditions. Age, qualifications, experience, names two referees, to Secretary. C 8489

**SITUATIONS OPEN**

8/6 for 36 words (min.) then 3d. per word.  
Box 2/-

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she, or the employment, is exempted from the provisions of the Notification of Vacancies Order, 1952.

**RETAIL (HOME)**

**ASSISTANT PHARMACIST**, lady or gentleman, required mainly for dispensing at South London pharmacy. Ten minutes from Charing Cross and London Bridge Stations, Hours 9 a.m. to 6 p.m. Adequate supporting staff. Pleasant working conditions. Long or short engagement. Commencing salary £832 p.a. Apply Box C 212.

**CHISWICK**. Pharmacist-manager required at once; 6 p.m. closing; good salary; young single chemist preferred, as living accommodation is not immediately available. Box C 8562.

**COVENTRY**. Pharmacist required as assistant manager, male or female, for central pharmacy. Permanent position. Good supporting staff. No Sunday, holiday or rota duties, 44-hour week. Housing accommodation will be provided at economical rent to successful applicant. Superannuation scheme in operation. Minimum salary £845 per annum plus bonus. Apply with full particulars to Superintendent Chemist, Lockhurst Lane Co-operative Society, Ltd., Holmsdale Road, Coventry. C 2489

**DONCASTER CO-OPERATIVE CHEMISTS, LTD.**, require the services of Pharmacists (male or female) as branch managers. Living accommodation with one post. Minimum rate £780 per annum, 44-hour week. Applications and usual particulars to Superintendent Chemist, St. Sepulchre Gate, Doncaster. C 199

**EWELL, SURREY**. Assistant pharmacist to take charge of dispensing in family business. Permanency. Ledsham, 191 Kingston Road, Ewell, Surrey. C 2526

**LADY DISPENSER REQUIRED** for good-class pharmacy in market town. Good hours and staff rest room. Help given with accommodation and holidays this year. This is an interesting position with plenty of scope for initiative and ample staff kept. Please give all details of age, salary required and previous experience to Wilfrid E. Dale, Ltd., 27 Market Place, Andover, Hants. C 2544

**LIVERPOOL**. Pharmacist required for branch pharmacy, permanent position. Salary £832 per annum for a 44-hour week; full staff which includes dispenser. Apply by letter to Metcalfe & Co. (Liverpool), Ltd., 34 Landford Avenue, Liverpool, 9. C 2504

**LONDON, S.W.**, inner suburb. Wanted, unqualified assistant with some dispensing experience. Good salary for right person. Holidays by arrangement. Box C 2529.

**CELLUCOTTON PRODUCTS LIMITED**

The Manufacturers of Kleenex, Kotex and Delsey have a vacancy for a Sales Representative for the East Midlands. Applicants should be under 40 years of age, and possess good personality, above average ability and enthusiasm. Connection with Retail Chemists and Co-ops in the Counties of Derby, Notts, Leics and Lincoln an advantage. This position offers excellent opportunities for personal advancement together with generous salary and all out of pocket expenses. Apply in confidence, giving full details of age and experience, to Sales Manager, Cellucotton Products Limited, Carkers Lane, London, N.W.5.

C 8447

**J. C. GAMBLES & CO., LTD.**

have a vacancy for a Representative to cover the South-west Counties of England. Excellent prospects for successful applicant willing to reside on territory.

Apply by letter in the first instance, stating age, past experience and financial consideration required to:

**SALES DIRECTOR**

209/215, BLACKFRIARS ROAD, LONDON, S.E.1

C8551

**Situations Open—Continued**

**MILL HILL, N.W.7.** Unqualified dispensing assistant required for good-class pharmacy. Permanency. Salary plus bonus. Hours 9 a.m. to 6 p.m. Three weeks holiday a year. Apply with full particulars of previous experience to A. R. Cross, Ltd., 476 Hertford Road, Enfield, or telephone Howard 1723 or 2916 for an appointment. C 8547

**PART-TIME PHARMACISTS, 10s.** per hour, required N.1, N.16, E.C.1, and Ilford. Some evenings 6-8 and/or Sunday mornings. Dispensing duties. Apply Kendales Dispensing Chemists, 51 Exmouth Market, E.C.1. Phone: Terminus 9494. C 8543

**PHARMACY BRANCH MANAGER** required in the Wirral district. Flat available. Apply by letter with full details and salary required to Staff Manager, 14 Catherine Street, Birkenhead. C 2514

**RESPONSIBLE POSITION** for energetic pharmacist in well-established family business. Permanency. Complete charge of dispensary, excellent staff support. Able to assist manager and take full control when necessary. Living accommodation available. Good salary for right man. Box C 2522.

**TEDDINGTON.** Excellent opportunity for pharmacist to manage family-type business in pleasant riverside district. Permanency with superannuation benefits. Good salary and commission. Nicely fitted shop with adequate supporting staff. Apply with full details stating when available for interview to Box C 2540.

**UNIQUE OPPORTUNITY** occurs for pharmacist to take full charge of busy pharmacy in the best position in Woolwich. Applicants must have had good experience of quick counter trade and be fully able to control stock and staff. Excellent salary and opportunity for man able to manage large turnover and extend it. Superannuation scheme. No rota duties, holiday this year. Please give all details of age, previous experience, etc., to Managing Director, Arnold M. Gee, Ltd., 12 High Street, Colliers Wood, S.W.19. C 2543

**UNQUALIFIED ASSISTANT, lady** or gentleman, with experience of dispensing, counter and toilets. No Sunday or half-day duties. Reply giving details of experience and salary required to F. H. Stuttard, 31 Market Place, Poulton-le-Fylde, Blackpool, Lancs. C 2511

**WHESTONE.** Pharmacist required to manage spacious well-fitted branch with substantial counter trade in pleasant North London suburb. Good opportunity for ambitious man to earn top salary together with monthly bonus and rota duty payments. Permanency with superannuation benefits, etc. Apply with full details stating when available for interview to Box C 2541.

**WOLVERHAMPTON.** Unqualified Assistant wanted (male or female) for counter and shop. Bright and happy atmosphere. Permanent and progressive. Derek Walton, 47 Worcester Street, Wolverhampton. C 2547

**LOCUMS WANTED**

**LOCUM PHARMACISTS REQUIRED** for London and suburban areas, long or short periods. Permanency at conclusion of tour if desired. Salary and expenses basis. Apply to H. Warburton, M.P.S., Chief Pharmacist, London Co-operative Chemists, Ltd., Grange Road, Leyton, E.10. C 2542

**WANTED IMMEDIATELY.** Pharmacist to act as locum for about six weeks, applications stating wage required to be addressed to the Secretary, Heckmondwike & District Co-operative Society, Ltd., 3 Oak Street (P.O. Box 16), Heckmondwike. Endorse envelope "Locum" in top left-hand corner. C 2503

**WHOLESALE****ADVERTISING ASSISTANT**

Parke, Davis & Co., Ltd., require a young pharmacist in their Advertising Department. He will be involved in all aspects of Advertising and Sales Promotion and in particular the compilation and presentation of medical literature from technical information provided, some literary ability is therefore an advantage. Generous pension plan, five-day week, staff restaurant. Write in the first instance giving full particulars of experience and present salary to:

Personnel Manager,  
Parke, Davis & Co., Ltd.,  
Staines Road, Hounslow, Middlesex

C 8504

**ALLIED LABORATORIES, LTD.** invite applications for the position of medical representative to take over their established connection in the South Yorkshire area. Previous experience is not essential, but candidates must have a sound pharmaceutical background, live on and know the territory well. The position is a progressive one and remuneration is by way of salary, commission and expenses. Applications stating age and a brief review of career to date should be addressed in confidence to Sales Manager, Allied Laboratories, Ltd., 140 Park Lane, London, W.1. C 8513

**AN EXPERIENCED REPRESENTATIVE** required by nationally known house of perfumery manufacturers for a territory comprising Kent, Surrey, Sussex, Berks, Oxon, South London and the West End. Applicants should have an established connection amongst retail chemists, departmental stores and co-operative societies on the ground indicated. Remuneration is by way of salary, expenses and commission. Write with fullest details to Saville Perfumery, Ltd., Rickmansworth Road, Watford, Herts. C 213

**C. L. BENCARD, LTD.**

wish to appoint men of exceptional ability and first-rate experience as medical representatives in the following areas:

- Yorkshire—North and East Ridings.
- S. Yorkshire, bounded by Huddersfield, Sheffield, Doncaster, Goolc.
- A Lancashire area, bounded by Bolton, Bury, Rochdale, Salford and adjacent areas.
- E. and S.E. London, bounded by Chingford, Stepney, Lewisham, Woolwich and East Ham.
- S.W. London and N. Surrey.
- The county of Essex.
- Hants, Wilts and Dorset.

These are key appointments in a large and effective sales force backed by vigorous and progressive ethical promotion from within the Company. The remuneration will be in proportion to the importance of the posts. Cars and full expenses are provided. Pension and bonus schemes are in operation.

Apply giving full details of experience to the Sales Manager, C. L. Bencard, Ltd., Park Royal, London, N.W.10. C 8525

**CHEMIST WANTED IMMEDIATELY.** Wholesale, east of Scotland. Apply Box C 2548.

**COSMETIC FIRM** of world repute has vacancy for fully experienced cosmetic chemist. Please state qualifications and salary required. Apply Box C 2495.

**BURROUGHS WELLCOME & COMPANY**

have a vacancy in their Marketing Department for a pharmacist to undertake interesting work connected with the marketing and advertising of medical and pharmaceutical products. Applications, which will be treated in confidence, should give full details of education and previous pharmaceutical experience and be addressed to the Manager, Publicity Division, Burroughs Wellcome & Co., 183/193 Euston Road, N.W.1. C 8557

**HYPODERMIC SYRINGES.** Manufacturer now going direct to hospitals requires experienced representatives in all areas. Please state full particulars to L. R. Wilson (Instruments), Ltd., 9 Blackfriars Street, Salford, 3. C 2482

**IMPERIAL CHEMICAL INDUSTRIES, LTD.** invites applications from men with a sound medical or pharmaceutical background between 25 and 35 years of age for medical representative work in the South of England. Successful candidates, after an initial period of training will be posted to territories in Southern England and will be directly responsible to a pharmaceutical Sales Manager with headquarters in London. Applications in the first instance should be made in writing to The Staff Manager, Imperial Chemical (Pharmaceuticals), Ltd., Fishshaw Hall, Wilmslow, Manchester. C 8529

**LONDON REPRESENTATIVE REQUIRED** for well-known nationally advertised hair cosmetics. Actual sales experience essential, age limit 40. Good salary and commission. Great scope. References required. Apply Box C 8507.

**MANAGER REQUIRED** for packing department by expanding pharmaceutical house. All-round experience and organising ability essential. Good salary and prospects. Particulars to Box C 8456.

**MEDICAL REPRESENTATIVE REQUIRED** by ethical manufacturers for Edinburgh and Southern Scotland. Either pharmaceutical qualification or pharmaceutical/medical background necessary and previous representative experience is desirable though not essential. Good salary and expenses; excellent prospects for the right man who will be joining an expanding company. Car provided. Superannuation scheme. Residence in Edinburgh or district desirable. Applications in writing and in confidence stating salary expected to Box C 8559.

**MEDICAL REPRESENTATIVES.** Sandoz Products, Ltd., invite applications from young men for the immediate appointment of Medical Representatives in the following areas:—(a) Bristol, including Gloucestershire, Somerset, Devon and Cornwall, (b) South Wales, including South Welsh counties. Attractive salary; superannuation scheme in operation. Thorough training given. Age not exceeding 32. Applicants should be pharmacists (preferably F.P.S.). Please send full details of age, education, qualifications and experience, with photograph, to Staff Manager, Sandoz Products, Ltd., 134 Wigmore Street, London, W.1. C 8532

**PHARMACIST** with view to works management required for manufacture and distribution of galenicals and sterile preparations. Essential qualifications, industrious and a good organiser, excellent opportunity for a young and keen pharmacist. Apply Biorex Laboratories, Ltd., 47/51 Exmouth Market, E.C.1. Phone: Terminus 9494. C 8540



**SIMBILT PHARMACY FITTINGS**  
TRADE MARK  
**229, OLD ST., LONDON, E.C.1.**  
TELEPHONE CLERKENWELL 5886

OVER 40 YEARS EXPERIENCE

★  
Send for **CATALOGUE of UNIT FITTINGS**

**INDIA**

Managing Director, London pharmaceutical house, shortly proceeding to India, would be pleased to contact firms interested in increasing trade with India and Eastern countries. Please write to: Box C 8550.

**Situations Open—Continued**

**PACKAGING SUPERVISOR** required for department handling tablets, etc., in small and bulk packs. Must have been used to controlling female staff and preferably with some experience in pharmaceutical products. Apply Matthews & Wilson, Ltd., 6/8 Cole Street, S.E.1. C 2531

**PARKE, DAVIS & CO., LTD.**, invite applications from pharmacists for a Junior Executive position in their pharmaceutical manufacturing division. The position entails supervision of groups of process workers and offers an opportunity to gain wide experience in modern large-scale production methods. Good promotion prospects, previous manufacturing experience, while an advantage, is not essential. Five-day week. Staff restaurant. Generous pension plan. Write with full particulars to Personnel Manager, Staines Road, Hounslow, Middlesex. C 8505

**PHARMACIST REQUIRED** for managing drug sales department, old-established wholesale house, Lancashire. Five-day week, pension scheme. Applicants should give full details of experience, age and salary required to Box C 8552.

**PHARMACIST REQUIRED** to take over duties of assistant works manager for well-known Yorkshire Wholesale Druggists. Excellent prospects for the right type of man. Please state salary required and experience. Apply Box C 8497.

**PHOTOGRAPHIC SALESMEN.** Two experienced salesmen wanted for new branch to be opened in Coventry, approximately July 1. Apply giving details of knowledge and experience, age, etc. Applications will be treated in strict confidence and should be addressed to Fox Taylor, Cine Equipments, Ltd., 9A Dale End, Birmingham. C 2483

**PRICING CLERK REQUIRED.** Experienced a drugs and patents. Salary £500 p.a. for right person. Apply Managing Director, Biorex Laboratories, Ltd., 47/51 Exmouth Market, E.C.1. Phone: Terminus 9494. C 8541

**REPRESENTATIVE,** experienced, with pharmaceutical background, to take over first-class connection Midland Counties. Reputable manufacturers calling on the qualified veterinary profession only. Excellent opportunity. Car provided and usual expenses. Good salary with quarterly turnover bonus. Send full details, age 35-50 and experience, in strict confidence to Box C 8531.

**REQUIRED** by London Manufacturing Chemists. Medical Representative between the ages of 25 and 40, with good pharmaceutical background and knowledge of medical nomenclature, to visit doctors, hospitals, dentists and chemists in Yorkshire, Durham and Northumberland areas for the purpose of propaganda of ethical products. Applicants should state experience and salary required to Box C 215.

**ROCHE PRODUCTS, LIMITED,** invite applications for posts of medical representatives for South Wales and Scotland. A pharmaceutical qualification or equivalent academic achievement desirable but not essential. Usual expenses and salary commensurate with experience. Contributory pension scheme in operation. Please send in confidence full details of experience, etc., to the Secretary, Roche Products, Limited, 15 Manchester Square, London, W.1. C 8465

**SALSMEN TRAVELLERS.** Agents calling on chemists, having regular and good connections, are required for a new nationally advertised toilet product. An easy and fast selling and regular article, top commission paid. Write stating area covered to Box C 8538.

**SCOTLAND.** Old-established chemist sundries' use requires representative. Excellent opportunity for first-class salesman. Apply Box C 537.

**STERILE INJECTION DEPARTMENT.** Operators required with experience. Good managers. Unusual opportunity is offered. Apply Biorex Laboratories, Ltd., 47/51 Exmouth Market, E.C.1. Phone: Terminus 9494. C 8542

**ULSTER.** Representative required to act on a commission basis for the sale of medicated pastilles, lozenges, etc., for very old-established company of manufacturing chemists. Should have previous knowledge of the trade and own a car. Existing connection will be handed over and commission paid on all business transacted on territory. Full details in first letter to Box C 8537.

**WELL-KNOWN MANUFACTURERS** of nationally advertised toilet brushware and fancy goods require representative in West London and Middlesex. Good connection among wholesale, retail, chemists, hairdressers, sundriesmen. Salary, commission, expenses, car allowance. Box C 8535.

**WINTHROP PRODUCTS, LTD.** (associated with Bayer Products, Ltd.), require a young correspondent for export department. Previous export experience not necessary but pharmaceutical or medical background essential. Languages useful. Position is progressive. Full details to Export Director, Neville House, Eden Street, Kingston-on-Thames, Surrey. C 8499

**WHOLESALE (OVERSEAS)**

**BURROUGHS WELLCOME & COMPANY**

on behalf of their Agents in various African Territories, wish to appoint Pharmacists to develop their interests. These appointments provide interesting and progressive careers, especially for a candidate with an aptitude for managerial responsibilities. Good salary, working conditions and short tours, passage paid, home leave. Apply with full details to the Manager, Overseas Division, Burroughs Wellcome & Co., 183/193 Euston Road, London, N.W.1. C 8546

**LEADING OIL COMPANY** has vacancy for pharmacist in Middle East. Applicants must be under 35 years of age and hold M.P.S. Attractive salary plus generous allowance in local currency, free passages out and home, free medical attention, kit allowance, good leave arrangements, Pension scheme. Write, stating age and full details of qualifications, quoting Dept. F.94 to Box 1423, c/o 191 Gresham House, E.C.2. C 8544

**PHARMACISTS REQUIRED** by overseas manufacturing concern. Permanent post, good prospects. Apply Box C 2518.

**T. & H. SMITH, LTD.,** invite applications from qualified chemists for position of Technical Manager of the Kurrum Chemical Co., Ltd., Rawalpindi, Pakistan. First-class return fare will be paid for successful applicant, wife and family; three-year contract with suitable leave and medical benefits; partly furnished accommodation provided free; attractive salary. Position would suit chemist 30-35 years, married with young family who has had some managerial experience. Reply with full particulars to Works Director, T. & H. Smith, Ltd., Blandfield Chemical Works, Edinburgh, 11. C 8512

**STOCKTAKING**

17/6 for 36 words (min.) then 4d. per word. Box 2/-

**QUIET AND ACCURATE** workmanship. Over 30 years' practical experience. Detailed inventories supplied to suit your individual requirements. Your own stock sheets priced. Terms moderate. C. W. Playfoot, 8 Aylward Road, London, S.W.20. Phone Liberty 4104. C 190

**SITUATIONS WANTED**

3/- for 18 words (min.) then 2d. per word. Box 1/-

**WHOLESALE**

**ADVERTISER** with considerable experience executive and representation requires appointment Greater London and West End. Sound connections stores, retail and wholesale chemists, toilet and perfumery, wishes to contact firm of repute who require live wire to introduce new ideas and drive. Box C 2546.

**PRODUCTION POST,** having prospects of advancement, with reliable firm, desired by pharmacist, Yorkshire, East Midlands, Home Counties preferred. Box C 2545.

**PURCHASING OFFICER,** fully experienced buying and all departmental duties seeks position London/S. England. Particularly interested packaging. Good references. Box C 2525.

**SALES MANAGER, F.S.M.A.,** widely experienced in marketing, sales organisation and sales promotion is open for engagement in London area, Box C 2519.

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**VALUATIONS** — In days of high taxation with Death Duties ultimately payable it is essential that Owners should have an Independent VALUATION OF THEIR BUSINESS on basis of a Going Concern. **BUSINESS BROKERS LTD.,** recommended Experts in such matters, will make Valuations at a low cost. Negotiations conducted in strict confidence.

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Telephone: Hyde Park 1678.

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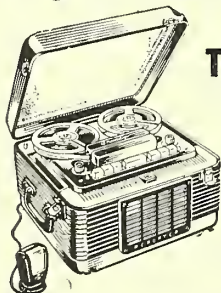
Wall Display Cases, Counters and Showcases.

Let us quote to your specifications. Catalogues on request.  
Deferred terms can be arranged.**LIDDLE KEEN & COMPANY, LTD.**  
19/23 Norland Road, London, W.11. Tel.: PARK 9881/3**IMPORTANT**

Box Office numbers are intended exclusively for specific answers to particular advertisements. Price Lists, Trade Circulars, Samples and Printed Matter cannot be forwarded.

**Business Opportunities—Continued****MANUFACTURING CHEMISTS** invite inquiries for the manufacture, packing, etc., of private formulate preparations, liquids, powders, tablets, Dispatch facilities available with own printing department, Frank Macowal & Yanatas, Ltd., Willshaw St., London, S.E.14. Tel.: Tideway 3846-8. C 122  
**TO DOCTORS**, dentists, opticians and chemists. We will discount your N.H.S. accounts, immediate payment, low charge, no other security required. Box C 2549.**AGENCIES WANTED**8/6 for 36 words (min.) then 3d. per word.  
Box 2/-**AGENCIES WANTED**

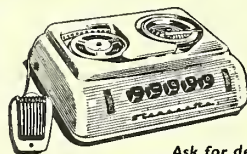
Old-established firm of agents in the Irish Republic with staff of first-class representatives and over 1,200 chemist accounts wish to negotiate for additional agencies for known products. Specially interested in tooth-paste, toilet preparations, stomach remedies, tonics, photographic goods, etc. All facilities for distribution and packaging if required. Will not take up any agency unless able to guarantee increased turnover. Apply Box C 8506.

**WANTED**17/6 for 36 words (min.) then 4d. per word.  
Box 2/-**PAUL DANIELS, LTD.**, will purchase redundant stocks of glass bottles, screw caps, packaging materials, surplus stocks, regardless of condition. Record name for fair dealing. Phone: Amherst 8005 (3 lines), 13 Terrace Road, South Hackney, E.9. C 2539**ALL KINDS OF BOTTLES, JARS, SCREW CAPS**, cartons, packaging materials and manufacturers' stocks of all kinds bought at fair price for spot cash. We are buyers of merchandise of EVERY DESCRIPTION. Clearance Stocks, Discontinued lines, Surplus and Redundant Stocks. Should you have anything for disposal, please send us samples and particulars. Reliance Trading Co., 13 New College Parade, Finchley Road, N.W.3. C 153  
**WE WILL PURCHASE** for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone:—Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Bayswater 4020, 7692. C 140**TENDERS****HEALTH COMMITTEE** invite quotations for supply of drugs, chemicals, and medical sundries for the City Health Centres, etc., for six months commencing July 1, 1955. Forms of tender obtainable from undersigned, should be returned in a plain sealed envelope by 10 a.m. on June 2, 1955, superscribed to show the goods tendered for, but without any name or mark indicating sender. Lowest or any tender not necessarily accepted. R. H. Parry, Medical Officer of Health, Bristol. C 8549**MISCELLANEOUS SALES**17/6 for 36 words (min.) then 4d. per word.  
Box 2/-**FOR SALE**. One Manesty "D3" RY 16 punch rotary tableting machine, perfect condition, inspection invited. Offers to Box C 2536.**FOR SALE**. One Gardner 14 in. x 8 in. treble steel grinding mill with fast and loose pulley drive. One Torrance Edge Runner Mill, 3½ in. x 16 in. rollers. Fast and loose pulley drive with Brook 3 h.p. 1,450 r.p.m. 3 ph. 50 cycle motor, with Menrex isolator and P.B. Control. Apply Box C 2534.**MODERN CHEMISTS SHOPFITTINGS**, drug ranges, wall cases and frameless sliding doors, display counters and showcases; all types of window fittings and display stands. D. Matthews & Son, Ltd., Complete Chemist Shop Fitters & Shop Front Builders, 14/16 Manchester Street, Liverpool. C 141**NEUTRAL GLASS AMPOULES**, drawn both ends, one sealed, 2 c.c. £13 per thousand, 5 c.c. £20 per thousand. Box C 2510.**STOCK AND FIXTURES, ETC.** Stock of about £1,000 and fixtures, fittings, etc., just over £270 offered for sale owing to pending expiry of lease. Items include personal scale, mahogany drug run and sundry pharmacy equipment. Further details on application to London Office of Ernest J. George & Co. C 8563**MISCELLANEOUS****SCALES AND WEIGHING MACHINES**. Penny-in-the-slot and steelyard types. Dispensing scales. Write for details to Dept. "P", Vandome & Hart, Ltd., Wenlock Road, London, N.1. (Established 1660.) Showrooms, High Street, Kingston-on-Thames. C 207**SHOWCASES, SHOWCASES, SHOWCASES**. Latest designs. All sizes including glass counters. Free delivery. Write for details to (Dept. "P"), Vandome & Hart, Ltd., Wenlock Rd., London, N.1. (Established 1660.) Showrooms, High Street, Kingston-on-Thames. C 196**If you are interested IN TAPE RECORDING EQUIPMENT****THE GRUNDIG TK12**

2-Speed Tape Recorder, built specially for music lovers—it provides compactness with really wide recording range.

**70 gns.** (less microphone)**THE GRUNDIG STENORETTE**

Dictating Machine. This little machine makes office routine a pleasure, cutting out time wasted on lengthy shorthand transcriptions.

**35 gns.**

Complete with reel and dust cover.

Dictation outfit 6 gns. extra.

Transcription outfit 6 gns. extra.

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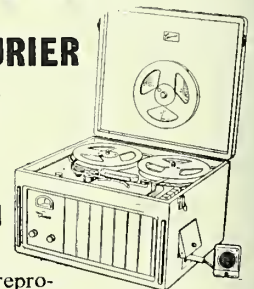
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